Section 2 Indexes



(NASA-SP-7039 (05)) NASA PATENT ABSTRACTS BIBLIOGRAPHY: A CONTINUING BIBLIOGRAPHY.

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SECTION 2: INDEXES (NASA) 460 p

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NASA

PATENT ABSTRACTS BIBLIOGRAPHY

A CONTINUING BIBLIOGRAPHY

Section 2 • Indexes

JULY 1974

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Section 2 Indexes

NASA

PATENT
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A CONTINUING BIBLIOGRAPHY

Section 2 · Indexes

Indexes for the annotated references to NASA-owned inventions covered by U.S. patents and applications for patent that were announced in *Scientific and Technical Aerospace Reports (STAR)* between May 1969 and June 1974. This issue supersedes all previous Index Sections.



This Supplement is available from the National Technical Information Service (NTIS), Springfield, Virginia 22151, for \$5.00. For copies mailed to addresses outside the United States, add \$2.50 per copy for handling and postage.

INTRODUCTION

Several thousand inventions result each year from the aeronautical and space research supported by the National Aeronautics and Space Administration. The inventions having important use in government programs or significant commercial potential are usually patented by NASA. These inventions cover practically all fields of technology and include many that have useful and valuable commercial application.

NASA inventions best serve the interests of the United States when their benefits are available to the public. In many instances, the granting of nonexclusive or exclusive licenses for the practice of these inventions may assist in the accomplishment of this objective. This bibliography is published as a service to companies, firms, and individuals seeking new, licensable products for the commercial market.

The NASA Patent Abstracts Bibliography (NASA PAB) is a semiannual NASA publication containing comprehensive abstracts and indexes of NASA-owned inventions covered by U.S. patents and applications for patent. The citations included in NASA PAB were originally published in NASA's Scientific and Technical Aerospace Reports (STAR) and cover STAR announcements made since May 1969.

For the convenience of the user, each issue of NASA PAB has a separately bound Abstract Section (Section 1) and Index Section (Section 2). Although each Abstract Section covers only the indicated six-month period, the Index Section is cumulative covering all NASA-owned inventions announced in STAR since May 1969. Thus a complete set of NASA PAB would consist of the Abstract Section of Issue 04 (January 1974), the Abstract Section of for all subsequent issues, and the Index Section for the most recent issue.

The 217 citations published in this issue of the Abstract Section cover the period January 1974 through June 1974. The Index Section contains references to the 2653 citations covering the period May 1969 through June 1974.

ABSTRACT SECTION (SECTION 1)

The Abstract Section is divided into 34 subject categories (See Table of Contents for scope note of each category) under which are grouped appropriate NASA inventions. Each entry in the Abstract Section consists of STAR citation accompanied by an abstract and a key illustration taken from the patent or application for patent drawing. Entries are arranged in subject category in order of the ascending NASA Accession Number originally assigned in STAR to the invention. The range of NASA Accession Numbers within each issue is printed on the inside front cover.

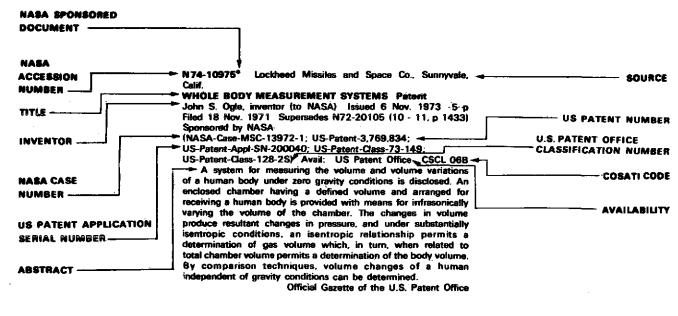
Abstract Citation Data Elements: Each of the abstract citations has several data elements useful for identification and indexing purposes, as follows:

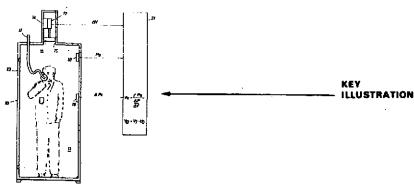
NASA Accession Number NASA Case Number Inventor's Name Title of Invention

- U.S. Patent Application Serial Number
- U.S. Patent Number (for issued patents only)
- U.S. Patent Office Classification Number(s) (for issued patents only)

These data elements appear in the citation of the abstract as depicted in the Typical Citation and Abstract reproduced below and are also used in the several indexes.

TYPICAL CITATION AND ABSTRACT FROM PATENT ABSTRACTS BIBLIOGRAPHY





INDEX SECTION (SECTION 2)

The Index Section is divided into five indexes which are cross-indexed and are useful in locating a single invention or groups of inventions.

Each of the five indexes utilizes basic data elements: (1) Subject Category Number, (2) NASA Accession Number, and (3) NASA Case Number, in addition to other specific index terms.

Subject Index: Lists all inventions according to appropriate alphabetized technical term and indicates the related NASA Case Number, the Subject Category Number, and the NASA Accession Number.

Inventor Index: Lists all inventions according to alphabetized names of inventors and indicates the related NASA Case Number, the Subject Category Number, and the NASA Accession Number.

Source Index: Lists all inventions according to alphabetized source of invention (i.e., name of contractor or government installation where invention was made) and indicates the related NASA Case Number, the Subject Category Number, and the NASA Accession Number.

Number Index: Lists inventions in order of ascending (1) NASA Case Number, (2) U.S. Patent Application Serial Number, (3) U.S. Patent Classification Number, and (4) U.S. Patent Number and indicates the related Subject Category Number and the NASA Accession Number.

Accession Number Index: Lists all inventions in order of ascending NASA Accession Number and indicates the related Subject Category Number, the NASA Case Number, the U.S. Patent Application Serial Number, the U.S. Patent Classification Number, and the U.S. Patent Number.

HOW TO USE THIS PUBLICATION TO IDENTIFY NASA INVENTIONS

To identify one or more NASA inventions within a specific technical field or subject, several techniques are possible when using the flexibility incorporated into the NASA PAB.

- (1) Using Subject Category: To identify all NASA inventions in any one of the 34 subject categories in this issue of NASA PAB, select the desired Subject Category in the Abstract Section and find the inventions abstracted thereunder. The abstracts are arranged in each Subject Category in order of the ascending Accession Number originally assigned in STAR to each invention.
- (2) Using Subject Index. To identify all NASA inventions listed under a desired technical subject index term, (A) turn to the cumulative Subject Index in the latest issue of the Index Section and find the invention(s) listed under the desired technical subject term. (B) Note

the indicated Accession Number and the Subject Category Number. (C) Using the indicated Accession Number, turn to the inside front cover of the Index Section to determine which issue of the Abstract Section includes the Accession Number desired. (D) To find the abstract of the particular invention in the issue of the Abstract Section selected. (i) use the Subject Category Number to locate the Subject Category, and (ii) use the Accession Number to locate the desired invention within the Subject Category listing.

(3) Using Patent Classification Index: To identify all inventions covered by issued NASA patents (does not include applications for patent) within a desired Patent Office Classification, (A) turn to the Patent Classification Number in the Number Index of Section 2 and find the associated invention(s), and (B) follow the instructions outlined in (2)(B), and (D) above.

PUBLIC AVAILABILITY OF COPIES OF PATENTS AND PATENT APPLICATIONS

Copies of U.S. patents may be purchased directly from the U.S. Patent Office, Washington, D.C. 20231, for fifty cents a copy.

Copies of pending NASA applications for patent abstracted in NASA PAB are sold by the National Technical Information Service, Springfield, Virginia 22151, at the price shown in the citation: Microfiche are sold at the established unit price of \$1.45. When ordering copies of an application for patent from NTIS, the U.S. Patent Application Serial Number listed in the index or shown in the citation for each abstract should be used to identify the desired application for patent.

LICENSES FOR COMMERCIAL USE: INQUIRIES AND APPLICATIONS FOR LICENSE

NASA inventions, abstracted in NASA PAB, are available for nonexclusive or exclusive licensing in accordance with the NASA Patent Licensing Regulations. It is significant that all licenses for NASA inventions shall be by express written instruments and that no license will be granted or implied in a NASA invention except as provided in the NASA Patent Licensing Regulations.

Inquiries concerning the NASA Patent Licensing Program or the availability of licenses for the commercial use of NASA-owned inventions covered by U.S. patents or pending applications for patent should be forwarded to the NASA Patent Counsel of the NASA installation having cognizance of the specific invention, or the Assistant General Counsel for Patent Matters, Code GP, National Aeronautics and Space Administration, Washington, D.C. 20546. Inquiries should refer to the NASA Case Number, the Title of the Invention, and the U.S. Patent Number or the U.S. Application Serial Number assigned to the invention as shown in NASA PAB.

The NASA Patent Counsel having cognizance of the invention is determined by the first three letters or prefix of the NASA Case Number assigned to the invention. The addresses of NASA Patent Counsels are listed alongside the NASA Case Number prefix letters in the following table. Formal application of license must be submitted on the NASA Form, Application for NASA Patent License, which is available upon request from any NASA Patent Counsel.

NASA Case Number Prefix Letters Address of Cognizant
NASA Patent Counsel

ARC-xxxxx XAR-xxxxx Ames Research Center Mail Code: 200-11A

Moffett Field, California 94035

ERC-xxxxx XER-xxxxx HQN-xxxxx XHQ-xxxxx NASA Héadquarters Mail Code: GP

Washington, D.C. 20546

GSC-xxxxx XGS-xxxxx Goddard Space Flight Center

Mail Code: 204

Greenbelt, Maryland 20771

KSC-xxxxx XKS-xxxxx

John F. Kennedy Space Center

Mail Code: AD-PAT

Kennedy Space Center, Florida 32899

LAR-xxxxx XLA-xxxxx

Langley Research Center

Mail Code: 456 Langley Station

Hampton, Virginia 23365

LEW-xxxxx XLE-xxxxx

Lewis Research Center Mail Code: 500-311 21000 Brookpark Hoad Cleveland, Ohio 44135

MSC-xxxxx XMS-xxxxx Lyndon B. Johnson Space Center

Mail Code: AM

Houston, Texas 77058

MFS-xxxxx XMF-xxxxx George C. Marshall Space Flight Center

Mail Code: CC01

Huntsville, Alabama 35812

NPO-xxxxx XNP-xxxxx FRC-xxxxx XFR-xxxxx WOO-xxxxx NASA Pasadena Office Mail Code: 180-601 4800 Oak Grove Drive Pasadena, California 91103

NASA PATENT LICENSING REGULATIONS

The NASA Domestic Patent Licensing Regulations (14 C.F.R. 1245.2) are reproduced on the following pages. Selected NASA inventions are also available for licensing in countries other than the United States in accordance with the NASA Foreign Patent Licensing Regulation (14 C.F.R. 1245.4), a copy of which is available from any NASA Patent Counsel.

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PATENT LICENSING REGULATIONS

Title 14—AERONAUTICS AND SPACE

Chapter V—National Aeronautics and Space Administration

PART 1245-PATENTS

Subpart 2-Patent Licensing Regulations

1. Subpart 2 is revised in its entirety as follows:

1245.200 1245.201 Scope of subpart. Debnitions Basic considerations. 1245.202 1245.208 Licenses for practical application of inventions. Other licenses.

Publication of NASA inventions available for license. 1245,204 1248 208 1245,206 Application for nonexclusive li-Application for exclusive license. Processing applications for license. Royalties and fees. 1245.207 1245.208 1245.209 1245.210 Reports. Revocation of licenses. 1245,311 1245.212 Appeals. 1245 212 Litigation. 1245.214 Address of communications.

AUTHORITY: The provisions of this Subpart 2 issued under 42 U.S.C. 2457, 2478(b) (8).

§ 1245.200 Scope of subpart.

This Subpart 2 prescribes the terms, conditions, and procedures for licensing inventions covered by U.S. patents and patent applications for which the Administrator of the National Aeronautics and Space Administration holds title on behalf of the United States.

\$ 1245.201 Definitions

For the purpose of this subpart, the following definitions apply:

"Invention" means an invention covered by a U.S. patent or patent application for which the Administrator of NASA holds title on behalf of the United States and which is designated by the Administration as appropriate for the grant of license(s) in accordance with this subpart.

(b) "To practice an invention" means to make or have made, use or have used, sell or have sold, or otherwise dispose of according to law any machine, article of manufacture or composition of matter physically embodying the invention, or to use or have used the process or method comprising the invention.

(c) "Practical application" mean. manufacture in the case of a composition of matter or product, the use in the case of a process, or the operation in the case of a machine, under such conditions as to establish that the invention is being utilized and that its benefits are reasonably accessible to the public.

(d) "Special invention" means any in-

vention designated by the NASA Assistant General Counsel for Patent Matters to be subject to short-form licensing procedures. An invention may be designated as a special invention when a determination is made that:

(1) Practical application has occurred and is likely to continue for the life of

the patent and for which an exclusive license is not in force, or

- (2) The public interest would be served by the expeditious granting of a nonexclusive license for practice of the invention by the public.
- (e) The "Administrator" means the Administrator of the National Aeronautics and Space Administration, or his
- (f) "Government" means the Government of the United States of America.
- (g) The "Inventions and Contributions Board" means the NASA Inventions and Contributions Board established by the Administrator of NASA within the Administration in accordance with section 305 of the National Aeronautics and Space Act of 1958 as amended (42 U.S.C. 2457).

§ 1245.202 Basic considerations.

- (a) Much of the new technology resulting from NASA sponsored research and development in aeronautical and space activities has application in other fields. NASA has special authority and responsibility under the National Aeronautics and Space Act of 1958, as amended (42 U.S.C. 2451), to provide for the widest practical dissemination and utilization of this new technology. In addition, NASA has been given unique requirements to protect the inventions resulting from NASA activities and to promulgate licensing regulations to encourage commercial use of these inventions.
- (b) NASA-owned inventions will best serve the interests of the United States when they are brought to practical application in the shortest time possible. Although NASA encourages the nonexclusive licensing of its inventions to promote competition and achieve their widest possible utilization, the com-mercial development of certain inventions calls for a substantial capital investment which private manufac-turers may be unwilling to risk under a nonexclusive license. It is the policy of NASA to seek exclusive licenses when such licenses will provide the necessary incentive to the licensee to achieve early practical application of the invention.
- (c) The Administrator, in determining whether to grant an exclusive license, will evaluate all relevant information submitted by applicants and all other persons and will consider the necessity for further technical and market development of the invention, the capabilities of prospective licensees, their proposed plans to undertake the required investment and development, the impact on competitors, and the benefits of the license to the Government and to the public. Preference for exclusive license shall be given to U.S. citizens or companies who intend to manufacture or use, in the case of a process, the invention in the United States of America, its territories and possessions. Consideration may also be given to assisting small businesses and minority business enterprises, as well as economically depressed, low income and labor surplus areas.
 - (d) All licenses for inventions shall

be by express written instruments. No license shall be granted either expressly or by implication, for a NASA invention except as provided for in §§ 1245.203 and 1245.204 and in any existing or future treaty or agreement between the United States and any foreign government.

(e) Licenses for inventions covered NASA-owned foreign patents and patent applications shall be granted in accordance with the NASA Foreign Patent Licensing Regulations (§ 1245.4).

§ 1245.203 Licenses for practical application of inventions.

- (a) General, As an incentive to encourage practical application of inventions, licenses will be granted to responsible applicants according to the circumstances and conditions set forth in this section.
- (b) Nonexclusive licenses. (1) Each invention will be made available to responsible applicants for nonexclusive, revocable licensing in accordance with § 1245.206, consistent with the provisions of any existing exclusive license.
- (2) The duration of the license shall be for a period as specified in the license.
- (3) The license shall require the licensee to achieve the practical application of the invention and to then practice the invention for the duration of the license.
- (4) The license may be granted for all or less than all fields of use of the invention and throughout the United States of America, its territories and possessions, Puerto Rico, and the District of Columbia, or in any lesser geographic portion thereof.
- (5) The license shall extend to the subsidiaries and affiliates of the licensee and shall be nonassignable without approval of the Administrator, NASA, except to the successor of that part of the licensee's business to which the invention pertains.
- (c) Short-form nonexclusive licenses. A nonexclusive, revocable license for a special invention, as defined in § 1245.201 (d), shall be granted upon written request, to any applicant by the Patent Counsel of the NASA installation having cognizance of the invention.

(d) Exclusive licenses. (1) A limited exclusive license may be granted on an invention available for such licensing provided that:

(i) The Administrator has determined that: (a) The invention has not been brought to practical application by a nonexclusive licensee in the fields of use or in the geographical locations covered by the application for the exclusive 11cense, (b) practical application of the invention in the fields of use or geographical locations covered by the application for the exclusive license is not likely to be achieved expeditiously by the further funding of the invention by the Government or under a nonexclusive license requested by any applicant pursuant to these regulations, and (c) the exclusive license will provide the necessary incentive to the licensee to achieve the practical application of the invention; and

(ii) Either a notice pursuant to

§ 1245.205 listing the invention as available for licensing has been published in the FEDERAL REGISTER for at least 9 months; or a patent covering the invention has been issued for at least 6 months: However, a limited exclusive license may be granted prior to the periods specified above if the Administrator determines that the public interest will best be served by the earlier grant of an exclusive license.

(2) The license may be granted for all or less than all fields of use of the invention, and throughout the United States of America, its territories and possessions, Puerto Rico, and the District of Columbia, or in any lesser geographic portion thereof.

(3) The exclusive period of the license shall be negotiated, but shall be for less than the terminal portion of the patent, and shall be related to the period necessary to provide a reasonable incentive to invest the necessary risk capital.

(4) The license shall require the licensee to practice the invention within a period specified in the license and then to achieve practical application of the

invention.

- (5) The license shall require the licensee to expend a specified minimum sum of money and/or to take other specified actions, within indicated period(s) after the effective date of the license, in an effort to achieve practical application of the invention.
- (6) The license shall be subject to at least an irrevocable royalty-free right of the Government of the United States to practice and have practiced the invention throughout the world by or on behalf of the Government of the United States and on behalf of any foreign government pursuant to any existing or future treaty or agreement with the United States.
- (7) The license may reserve to the ing circumstances, the right to require the granting of a sublicense to responsi- § 1245.206 Application for nonexclusive ble applicant(s) on terms that are considered reasonable by the Administrator, stipulated in the license.

(8) The license shall be nontransferable except to the successor of that part

invention pertains.

- (9) Subject to the approval of the shall include: Administrator, the licensee may grant sublicenses under the license. Each sublicense granted by an exclusive licensee shall make reference to and shall provide that the sublicense is subject to the terms of the exclusive license including the rights retained by the Government each sublicense shall be furnished to the Administrator.
- (10) The license may be subject to tive of applicant to whom correspondsuch other reservations as may be in the ence should be sent; public interest.
- § 1245.204 Other licenses.
 - (a) License to contractor. There is

hereby granted to the contractor reporting an invention made in the performance of work under a contract of NASA in the manner specified in section 305(a) (1) or (2) of the National Aeronautics and Space Act of 1958 as amended (42 U.S.C. 2457(a) (1) or (2)), a revecable, nonexclusive, royalty-free license for the practice of such invention, together with the right to grant sublicenses of the same scope to the extent the contractor was legally obligated to do so at the time the contract was awarded. Such license and right is nontransferable except to the successor of that part of the contractor's business to which the invention pertains.

(b) Miscellaneous licenses. Subject to any outstanding licenses, nothing in this subpart 2 shall preclude the Administrator from granting other licenses for inventions, when he determines that do so would provide for an equitable distribution of rights. The following exemplify circumstances wherein such licenses may

be granted:

(1) In consideration of the settlement of an interference;

(2) In consideration of a release of a claim of infringement; or

- (3) In exchange for or as part of the consideration for a license under adversely held patent(s).
- § 1245.205 Publication of NASA inventions available for license
- (a) A notice will be perodically published in the FEDERAL REGISTER listing inventions available for licensing. Abstracts of the inventions will also be published in the NASA Scientific and Technical Aerospace Reports (STAR) and other NASA publications.
- (b) Copies of pending patent applications for inventions abstracted in STAR may be purchased from the National Technical Information Service, Spring-
- license.
- (a) Submission of application. An aptaking into consideration the current plication for nonexclusive license under royalty rates under similar patents and § 1245.203(b) or a short-form nonexcluother pertinent facts: (1) To the extent sive license for special inventions under that the invention is required for public § 1245,203(c) shall be addressed to the use by Government regulation, or (ii) as NASA Patent Counsel of the NASA inmay be necessary to fulfill health or stallation having cognizance over the safety needs, or (iii) for other purposes NASA invention for which a license is desired or to the NASA Assistant General Counsel for Patent Matters.

(b) Contents of an application for of the licensee's business to which the nonexclusive license. An application for nonexclusive license under § 1245.203(b)

(1) Identification of invention for which license is desired, including the NASA patent case number, patent application serial number of patent number, title and date, if known;

(2) Name and address of the person, company or organization applying for under the exclusive license. A copy of license and whether the applicant is a

- U.S. citizen or a U.S. corporation; (3) Name and address of representa-
- (4) Nature and type of applicant's business;
- (5) Number of employees;
- (6) Purpose for which license is desired:

- (7) A statement that contains the applicant's best knowledge of the extent to which the invention is being practiced by private industry and the Government;
- (8) A description of applicant's capability and plan to undertake the development and marketing required to achieve the practical application of the invention, including the geographical location where the applicant plans to manufacture or use, in the case of a process, the invention; and

(9) A statement indicating the minimum term of years the applicant desires

to be licensed.

- (c) Contents of an application for a short-form nonexclusive license. An application for a short-form nonexclusive license under § 1245.203(c) for a special invention shall include:
- (1) Identification of invention for which license is desired, including the NASA patent case number, patent application serial number or patent number, title and date, if known;

(2) Name and address of company or organization applying for license; and

- (3) Name and address of representative of applicant to whom correspondence should be sent.
- § 1245.207 Application for exclusive license.
- (a) Submission of application. An application for exclusive license under \$ 1245.203(d) may be submitted to NASA at any time. An application for exclusive license shall be addressed to the NASA Assistant General Counsel for Patent
- (b) Contents of an application for exclusive license. In addition to the requirements set forth in § 1245.206(b), the spplication for an exclusive license shall include:
- (1) Applicant's status, if any, in any one or more of the following categories:
 - (i) Small business firm:

area; and

- (ii) Minority business enterprise:
- (iii) Location in a surplus labor area; (iv) Location in a low-income urban
- (v) Location in an area designed by the Government as economically depressed.
- (2) A statement indicating the time, expenditure; and other acts which the applicant considers necessary to achieve practical application of the invention, and the applicant's offer to invest that sum and to perform such acts if the license is granted:
- (3) A statement whether the applicant would be willing to accept a license for all or less than all fields of use of the invention throughout the United States of America, its territories and possessions, Puerto Rico, and the District of Columbia, or in any lesser geographic portion thereof.
- (4) A statement indicating the amount of royalty fees or other consideration, if any, the applicant would be willing to pay the Government for the exclusive license; and
- (5) Any other facts which the applicant believes to show it to be in the interests of the United States of America for the Administrator to grant an exclusive license rather than a nonexclusive li-

PATENT LICENSING REGULATIONS

should be granted to the applicant.

§ 1245.208 Processing applications for license.

- (a) Initial review. Applications for nonexclusive and exclusive licenses under §§ 1245,206 and 1245,207 will be reviewed by the Patent Counsel of the NASA installation having cognizance for the invention and the NASA Assistant General Counsel for Patent Matters, to determine the conformity and appropriateness of the application for license and the availability of the specific invention for the license requested. The Assistant General Counsel for Patent Matters will forward all applications for license conforming to \$\$ 1245,206(b) and 1245.207(b) to the NASA Inventions and Contributions Board when the invention is available for consideration of the requested license. Prior to forwarding applications for exclusive licenses to the Inventions and Contributions Board, notice in writing will be given to each nonexclusive licensee for the specific invention advising of the receipt of the application for the exclusive license and providing each nonexclusive licensee with a 30-day period for submitting either evidence that practical application of the invention has occurred or is about to occur or, an application for an exclusive license for the invention.
- (b) Recommendations of Inventions and Contributions Board. The Inventions and Contributions Board shall, in accordance with the basic considerations set forth in §§ 1245.202 and 1245.203, evaluate all applications for license forwarded by the Assistant General Counsel for Patent Matters. Based upon the facts presented to the Inventions and Contributions Board in the application and any other facts in its possession, the Inventions and Contributions Board shall recommend to the Administrator: (1) Whether a nonexclusive or exclusive license should be granted. (2) the identity of the licensee, and (3) any special terms or conditions of the license.
- (c) Determination of Administrator and grant of nonexclusive licenses. The Administrator shall review the recom-mendations of the inventions and Contributions Board and shall determine whether to grant the nonexclusive license as recommended by the Board. If the Administrator determines to grant the license, the license will be granted upon the negotiation of the appropriate terms and conditions of the Office of General Counsel.
- (d) Determination of Administrator and grant of exclusive licenses—(1) Notice. If the Administrator determines that the best interest of the United States will be served by the granting of an exclusive license in accordance with the considerations set forth in \$\$ 1245.202 and 1245.203, a notice shall be published in the FEDERAL REGISTER announcing the intent to grant the exclusive license, the identification of the invention, special terms or conditions of the proposed license, and a statement that NASA will grant the exclusive license unless within 30 days of the publication of such notice the Inventions and Contributions Board receives in writing

cense and that such an exclusive license any of the following together with supporting documentation:

- (i) A statement from setting forth reasons why it would not be in the best interest of the United States to grant the proposed exclusive license: or
- (ii) An application for a nonexclusive license under such invention, in accordance with § 1245.206(b), in which applicant states that he has already brought or is likely to bring the invention to practical application within a reasonable period.

The Inventions and Contributions Board shall, upon receipt of a written request within the 30 days' notice period, grant an extension of 30 days for the submission of the documents designated above.

- (2) Recommendation of Inventions and Contributions Board. Upon the expiration of the period required by subparagraph (1) of this paragraph, the Board shall review all written responses to the notice and shall then recommend to the Administrator whether to grant the exclusive license as the Board initially recommended or whether a different form of license, if any, should instead be granted.
- (3) Grant of exclusive licenses. The Administrator shall review the Board's recommendation and shall determine if the interest of the United States would best be served by the grant of an exclusive license as recommended by the Board. If the Administrator determines to grant the exclusive license, the license will be granted upon the negotiation of the appropriate terms and conditions by the Office of General Counsel.

§ 1245.209 Royalties and fees.

- (a) Normally, a nonexclusive license for the practical application of an invention granted to a U.S. citizen or company will not require the payment of royalties; however, NASA may require other consideration.
- (b) An exclusive license for an invention may require the payment of royalties, fees or other consideration when the licensing circumstances and the basic considerations in § 1245.202, considered together, indicate that it is in the public interest to do so.

§ 1245.210 Reports.

A license shall require the licenses to submit periodic reports of his efforts to work the invention. The reports shall contain information within his knowledge, or which he may acquire under normal business practice, pertaining to the commercial use that is being made of the invention and such other information which the Administrator may determine pertinent to the licensing program and which is specified in the license.

§ 1245.211 Revocation of licenses.

(a) Any license granted pursuant to § 1245.203 may be revoked, either in part or in its entirety, by the Administrator if in his opinion the licensee at any time shall fail to use adequate efforts to bring to or achieve practical application of the invention in accordance with the terms of the license, or if the licensee at any

time shall default in making any report required by the license, or shall make any false report, or shall commit any breach of any covenant or agreement therein contained, and shall fail to remedy any such default, false report, or breach within 30 days after written notice, or if the patent is deemed unenforceable either by the Attorney General or a final decision of a U.S. court.

- (b) Any license granted pursuant to § 1245.204(a) may be revoked, either in part or in its entirety, by the Administrator if in his opinion such revocation is necessary to achieve the earliest practical application of the invention pursuant to an application for exclusive license submitted in a cordance with § 1245.207, or the licensee at any time shall breach any covenant or agreement contained in the license, and shall fail to remedy any such breach within 30 days after written notice thereof.
- (c) Before revoking any license granted pursuant to this Subpart 2 for any cause, there will be furnished to the licensee a written notice of intention to revoke the license, and the licensee will be allowed 30 days after such notice in which to appeal and request a hearing before the Inventions and Contributions Board on the question of revocation. After a hearing, the Inventions and Contributions Board shall transmit to the Administrator the record of proceedings, its findings of fact, and its recommendation whether the license should be revoked either in part or in its entirety. The Administrator shall review the recommendation of the Board and determine whether to revoke the license in part or in its entirety. Revocation of a license shall include revocation of all sublicenses which have been granted.

§ 1245.212 Appeals.

Any person desiring to file an appeal pursuant to § 1245,211(c) shall address the appeal to Chairman, Inventions and Contributions Board, Any person filing an appeal shall be afforded an opportunity to be heard before the Inventions and Contributions Board, and to offer evidence in support of his appeal. The procedures to be followed in any such matter shall be determined by the Administrator. The Board shall make findings of fact and recommendations with respect to disposition of the appeal. The decision on the appeal shall be made by the Administrator, and such decision shall be final and conclusive, except on questions of law, unless determined by a court of competent jurisdiction to have been fraudulent, or capricious, or arbitrary, or so grossly erroneous as neces-sarily to imply bad faith, or not sup-ported by substantial evidence.

\$ 1245.213 Litigation.

An exclusive licensee shall be granted the right to sue at his own expense any party who infringes the rights set forth in his license and covered by the licensed patent. The licensee may join the Government, upon consent of the Attorney General, as a party complainant in such suit, but without expense to the Government and the licensee shall pay costs and any final judgment or decree that may be rendered against the Govern-

PATENT LICENSING REGULATIONS

ment in such suit. The Government shall also have an absolute right to intervene in any such suit at its own expense. The licensee shall be obligated to promptly furnish to the Government, upon request, copies of all pleadings and other rapers filed in any such suit and of evidence adduced in proceedings relating to the licensed patent including, but not limited to, negotiations for settlement and agreements settling claims by a licensee based on the licensed patent, and all other books, documents, papers, and

records pertaining to such suit. If, as a result of any such litigation, the ratent shall be declared invalid, the licensee shall have the right to surrender his license and be relieved from any further obligation thereunder.

§ 1245.214 Address of communications.

(a) Communications to the Assistant General Counsel for Patent Matters in accordance with §§ 1245.206 and 1245.207 and requests for information concerning licenses for NASA inventions should be addressed to the Assistant General Counsel for Patent Watters, Code GP. National Aeronautics and Space Administration. Washington, D.C. 20546.

(b) Communications to the Inventions and Contributions Board in accordance with §§ 1245.208, 1245.211, and 1245.212 should be addressed to Chairman, Inventions and Contributions Board, National Aeronautics and Space Administration, Washington, D.C. 26548.

Effective date. The regulations set forth in this subpart 2 are effective April 1, 1972.

James C. Fuercher, Administrator.

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Section 1 • Abstracts

Subject Categories

Abstracts in the bibliography are grouped under the following categories:

01 Aerodynamics

Includes aerodynamics of bodies, combinations, internal flow in ducts and turbomachinery; wings, rotors, and control surfaces. For applications see: 02 Aircraft and 32 Space Vehicles. For related information see also: 12 Fluid Mechanics; and 33 Thermodynamics and Combustion.

02 Aircraft

Includes fixed-wing airplanes, helicopters, gliders, balloons, ornithopters, etc.; and specific types of complete aircraft (e.g., ground effect machines, STOL, and VTOL); flight tests; operating problems (e.g., sonic boom); safety and safety devices; economics; and stability and control. For basic research see: 01 Aerodynamics. For related information see also: 31 Space Vehicles; and 32 Structural Mechanics.

03 Auxiliary Systems

Includes fuel cells, energy conversion cells, and solar cells; auxiliary gas turbines; hydraulic, pneumatic and electrical systems; actuators; and inverters. For related information see also: 09 Electronic Equipment; 22 Nuclear Engineering; and 28 Propulsion Systems.

04 Biosciences

Includes aerospace medicine, exobiology, radiation effects on biological systems; physiological and psychological factors. For related information see also: 05 Biotechnology.

05. Biotechnology

Includes life support systems, human engineering, protective clothing and equipment; crew training and evaluation, and piloting. For related information see also: 04 Biosciences.

06 Chemistry

Includes chemical analysis and identification (e.g., spectroscopy). For applications see: 17 Materials, Metallic; 18 Materials, Nonmetallic; and 27 Propellants.

07 Communications

Includes communications equipment and techniques, noise; radio and communications blackout; modulation telemetry; tracking radar and optical observation; and wave propagation. For basic research see; 23 Physics, General; and 21 Navigation.

08 Computers

Includes computer operation and programming; and data processing. For applications, see specific categories. For related information see also: 19 Mathematics.

09 Electronic Equipment

Includes electronic test equipment and maintainability; component parts, e.g., electron tubes, tunnel diodes, transistors, integrated circuitry; microminiaturization. For basic research see: 10 Electronics. For related information see also: 07 Communications and 21 Navigation.

10 Electronics

Includes circuit theory; and feedback and control theory. For applications see: 09 Electronic Equipment. For related information see specific Physics categories.

11 Facilities, Research and Support

Includes airports; lunar and planetary bases including associated vehicles; ground support systems; related logistics; simulators; test facilities (e.g., rocket engine test stands, shock tubes, and wind tunnels); test ranges; and tracking stations.

12 Fluid Mechanics

Includes boundary-layer flow; compressible flow, gas dynamics; hydrodynamics; and turbulence. For related information see also: 01 Aerodynamics; and 33 Thermodynamics and Combustion.

13 Geophysics

Includes aeronomy; upper and lower atmosphere studies; oceanography; cartography; and geodesy. For related information see also: 20 Meteorology; 29 Space Radiation; and 30 Space Sciences.

14 Instrumentation and Photography

Includes design, installation, and testing of instrumentation systems; gyroscopes; measuring instruments and gages; recorders, transducers; aerial photography; and telescopes and cameras.

15 Machine Elements and Processes

Includes bearings, seals, pumps, and other mechanical equipment; fubrication, friction, and wear; manufacturing processes and quality control; reliability; drafting; and materials fabrication, handling, and inspection.

16 Masers

Includes applications of masers and lasers. For basic research see: 26 Physics, Solid-State.

17 Materials, Metallic

Includes cermets; corrosion; physical and mechanical properties of materials; metallurgy; and applications as structural materials. For basic research see: 06 Chemistry. For related information see also: 18 Materials, Nonmetallic; and 32 Structural Mechanics.

18 Materials, Nonmetallic

includes corrosion; physical and mechanical properties of materials (e.g., plastics); and elastomers. hydraulic fluids, etc. For basic research see: 06 Chemistry. For related information see also: 17 Materials, Metallic: 27 Propellants; and 32 Structural Mechanics:

19 Mathematics

Includes calculation methods and theory; and numerical analysis. For applications see specific categories. For related information see also: 08 Computers.

20 Meteorology

Abstracts

Includes climatology; weather forecasting, and visibility studies. For related information see also: 13 Geophysics; and 30 Space Sciences.

21 Navigation

Includes guidance; autopilots; star and planet tracking; inertial platforms; and air traffic control. For related information see also: 07 Communications.

22 Nuclear Engineering

includes nuclear reactors and nuclear heat sources used for propulsion and auxiliary power. For basic research see: 24 Physics, Atomic, Molecular, and Nuclear, For related information see also: 03 Auxiliary Systems; and 28 Propulsion Systems.

23 Physics, General

Includes acoustics, Cryogenics, mechanics, and optics. For astrophysics see: 30 Space Sciences. For geophysics and related information see also: 13 Geophysics, 20 Nieteorology, and 29 Space Radiation.

24 Physics, Atomic, Molecular,

and Nuclear

Includes atomic, molecular and nuclear physics. For applications see: 22 Nuclear Engineering, For related information see also: 29 Space Radiation.

25 Physics, Plasma

includes magnetohydrodynamics. For applications see: 28 Propulsion Systems.

26 Physics, Solid-State

Includes semiconductor theory; and superconductivity. For applications see: 16 Masers. For related information see also: 10 Electronics.

27 Propellants

Includes fuels; igniters; and oxidizers. For basic re-

search see: 06 Chemistry; and 33 Thermodynamics and Combustion. For related information see also: 28 Propulsion Systems.

28 Propulsion Systems

Includes air breathing, electric, liquid, solid, and magnetchydrodynamic propulsion. For nuclear propulsion see: 22 Nuclear Engineering. For basic research see: 23 Physics, General; and 33 Thermodynamics and Combustion. For applications see: 31 Space Vehicles. For related information see also: 27 Propellants.

29 Space Radiation

Includes cosmic radiation; solar flares; solar radiation; and Van Allen radiation belts. For related information see also: 13 Geophysics, and 24 Physics, Atomic. Molecular, and Nuclear.

30 Space Sciences

Includes astronomy and astrophysics; cosmology: lunar and planetary flight and exploration; and theoretical analysis of orbits and trajectories. For related information see also: 11 Facilities, Research and Support: and 31 Space Vehicles.

31 Space Vehicles

includes launch vehicles; manned space capsules; clustered and multistage rockets; satellites; sounding rockets and probes; and operating problems. For basic research see: 30 Space Sciences. For related information see also: 28 Propulsion Systems; and 32 Structural Mechanics.

32 Structural Mechanics

includes structural element design and weight analysis; fatigue; thermal stress; impact phenomena; vibration: flutter: inflatable structures: and structural tests. For related information see also: 17 Materials. Metallic; and 18 Materials, Nonmetallic.

33 Thermodynamics and Combustion

Includes ablation, cooling, heating, heat transfer, thermal balance, and other thermal effects; and combustion theory. For related information see also: 12 Fluid Mechanics; and 27 Propellants.

34 General

Includes information of a broad nature related to industrial applications and technology, and to basic research; defense aspects; information retrieval; management; law and related legal matters; and legislative hearings and documents.

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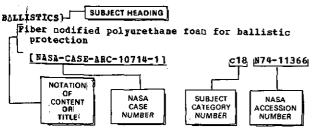
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JULY 1974

NASA PATENT ABSTRACTS BIBLIOGRAPHY

Section 2

Typical Subject Index Listing



The subject heading is the key to the subject content of the document. A brief description of the document, e.g., title, title plus a title extension, or Notation of Content (NOC), is included for each subject entry to indicate the subject heading context; these descriptions are arranged under each subject heading in ascending accession number order. The NASA Case Number serves as the prime access number to the patent documents. The Subject Category Number indicates the category in Section 1 (Abstracts) in which the patent citation and abstract are located. The NASA accession number denotes the number by which the citation is identified within the subject category.

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      recession rate using electric Hires [BASA-CASE-XLA-01794] c
                                              c33 N71-21586
   Ablation sensor for measuring surface ablation rate of material on vehicles entering earths atmosphere on entry into planetary atmospheres [NASA-CASE-XLA-01791] c14 N71-2299
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   Ablative system with liquid carrying ablattive
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IDEMOSINE TRIPHOSPHATE (ATP) Use of enzyme hexokinase and glucose to reduce inherent light levels of ATP in luciferase compositions [NASA-CASE-IGS-05533] c04 N69-27487 Detection instrument for light emitted from ATP hischemical reaction [NASA-CASE-IGS-05534] c23 N71-16355	directional stability at hypersonic velocities [NASA-CASE-XHS-04442] c31 N70-41631 Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XLA-08803-1] c02 N71-11043 Variable geometry manded orbital vehicle having high aerodynamic efficiency over wide speed range and incorporating auxiliary pivotal vings
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ADRMOSINE TRIPHOSPHATE (ATP) Use of enzyme herokinase and glucose to reduce inherent light levels of ATP in luciferase compositions [NASA-CASE-IGS-05533] c04 N69-27487 Detection instrument for light emitted from ATP biochemical reaction [NASA-CASE-IGS-05534] c23 N71-16355 Describing method for lyophilization of luciferase containing mixtures for use in life	directional stability at hypersonic velocities [NASA-CASE-XHS-04142] c31 N70-41631 Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XLA-08801-1] c02 N71-11043 Variable geometry manded orbital vehicle having high aerodynamic efficiency over wide speed range and incorporating auxiliary pivotal wings [NASA-CASE-XLA-03691] c31 N71-15674 Afterburner-equipped jet engine nacelle with
Use of enzyme hexokinase and glucose to reduce inherent light levels of ATP in luciferase compositions [NASA-CASE-IGS-05533] CO4 N69-27487 Detection instrument for light emitted from ATP biochemical reaction [NASA-CASE-IGS-05534] C23 N71-16355 Describing method for lyophilization of luciferase containing mixtures for use in life detection reactions	directional stability at hypersonic velocities [NASA-CASE-XHS-04142] Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XLA-08804-1] Variable geometry manued orbital vehicle having high aerodynamic efficiency over wide speed range and incorporating auxiliary pivotal wings [NASA-CASE-XLA-03691] Afterburner-equipped jet engine nacelle with slotted configuration afterbody
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DRESSIBLE TRIPHOSPHATE (ATP) Use of enzyme herokinase and glucose to reduce inherent light levels of ATP in luciferase compositions [NASA-CASE-IGS-05533] c04 N69-27487 Detection instrument for light emitted from ATP biochemical reaction [NASA-CASE-IGS-05534] c23 N71-16355 Describing method for lyophilization of luciferase containing mixtures for use in life detection reactions [NASA-CASE-IGS-05532] c06 N71-17705 Automatic device for assaying urine on bacterial	directional stability at hypersonic velocities [NASA-CASE-XHS-04142] c31 N70-41631 Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XLA-08803-1] c02 N71-11043 Variable geometry manned orbital vehicle having high aerodynamic efficiency over wide speed range and incorporating auxiliary pivotal wings [NASA-CASE-XLA-03691] c31 N71-15674 Afterburner-equipped jet engine nacelle with slotted configuration afterbody [NASA-CASE-XLA-10450] c28 N71-21493 Variable geometry rotor system for direct
ADRHOSINE TRIPHOSPHATE (ATP) Use of enzyme herokinase and glucose to reduce inherent light levels of ATP in luciferase compositions [NASA-CASE-IGS-05533] c04 N69-27487 Detection instrument for light emitted from ATP biochemical reaction [NASA-CASE-IGS-05534] c23 N71-16355 Describing method for lyophilization of luciferase containing mixtures for use in life detection reactions [NASA-CASE-IGS-05532] c06 N71-17705 Automatic device for assaying urine on bacterial adenosine triphosphate content	directional stability at hypersonic velocities [NASA-CASE-XHS-04142] c31 N70-41631 Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XLA-08801-1] c02 N71-11043 Variable geometry manned orbital vehicle having high aerodynamic efficiency over wide speed range and incorporating auxiliary pivotal wings [NASA-CASE-XLA-03691] c31 N71-15674 Afterburner-equipped jet engine nacelle with slotted configuration afterbody [NASA-CASE-XLA-10450] c28 N71-21493 Variable geometry rotor system for direct control over wake vortex
DRESSIBLE TRIPHOSPHATE (ATP) Use of enzyme herokinase and glucose to reduce inherent light levels of ATP in luciferase compositions [NASA-CASE-IGS-05533] c04 N69-27487 Detection instrument for light emitted from ATP biochemical reaction [NASA-CASE-IGS-05534] c23 N71-16355 Describing method for lyophilization of luciferase containing mixtures for use in life detection reactions [NASA-CASE-IGS-05532] c06 N71-17705 Automatic device for assaying urine on bacterial	directional stability at hypersonic velocities [NASA-CASE-XHS-04442] c31 N70-41631 Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XLA-08803-1] c02 N71-11043 Variable geometry manded orbital vehicle having high aerodynamic efficiency over wide speed range and incorporating auxiliary pivotal wings [NASA-CASE-XLA-03691] c31 N71-15674 Afterburner-equipped jet engine nacelle with slotted configuration afterbody [NASA-CASE-XLA-10450] c28 N71-21493 Variable geometry rotor system for direct control over wake wortex [NASA-CASE-LAR-10557] c02 N72-11018
DEBUSINE TRIPHOSPHATE (ATP) Use of enzyme herokinase and glucose to reduce inherent light levels of ATP in luciferase compositions [NASA-CASE-IGS-05533] c04 N69-27487 Detection instrument for light emitted from ATP biochemical reaction [NASA-CASE-IGS-05534] c23 N71-16355 Describing method for lyophilization of luciferase containing mixtures for use in life detection reactions [NASA-CASE-IGS-05532] c06 N71-17705 Automatic device for assaying urine on bacterial adenosine triphosphate content [NASA-CASE-GSC-11169-2] c05 N73-32011 ADHESION	directional stability at hypersonic velocities [NASA-CASE-XHS-04142] c31 H70-41631 Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XLA-08801-1] c02 N71-11043 Variable geometry manded orbital vehicle having high aerodynamic efficiency over wide speed range and incorporating auxiliary pivotal wings [NASA-CASE-XLA-03691] c31 N71-15674 Afterburner-equipped jet engine nacelle with slotted configuration afterbody [NASA-CASE-XLA-10450] c28 N71-21493 Variable geometry rotor system for direct control over wake vortex [NASA-CASE-LAR-10557] c02 N72-11018 Transonic propulsion fan for turbofan engine
Use of enzyme hexokinase and glucose to reduce inherent light levels of ATP in luciferase compositions [NASA-CASE-IGS-05533] c04 N69-27487 Detection instrument for light emitted from ATP biochemical reaction [NASA-CASE-IGS-05534] c23 N71-16355 Describing method for lyophilization of luciferase containing mixtures for use in life detection reactions [NASA-CASE-IGS-05532] c06 N71-17705 Automatic device for assaying urine on bacterial adenosine triphosphate content [NASA-CASE-GSC-11169-2] c05 N73-32011	directional stability at hypersonic velocities [NASA-CASE-XHS-04142] c31 H70-41631 Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XLA-08803-1] c02 N71-11043 Variable geometry manded orbital vehicle having high aerodynamic efficiency over wide speed range and incorporating auxiliary pivotal wings [NASA-CASE-XLA-03691] c31 N71-15674 Afterburner-equipped jet engine nacelle with slotted configuration afterbody [NASA-CASE-XLA-10450] c28 N71-21493 Variable geometry rotor system for direct control over wake vortex [NASA-CASE-LAR-10557] c02 N72-11018 Transonic propulsion fan for turbofan engine with rotor blade spacing designed to minimize
ADRMOSINE TRIPHOSPHATE (ATP) Use of enzyme herokinase and glucose to reduce inherent light levels of ATP in luciferase compositions [NASA-CASE-IGS-05533]	directional stability at hypersonic velocities [NASA-CASE-XHS-04142] Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XLA-08804-1] Variable geometry manued orbital vehicle having high aerodynamic efficiency over wide speed range and incorporating auxiliary pivotal wings [NASA-CASE-XLA-03691] C31 N71-15674 Afterburner-equipped jet engine nacelle with slotted configuration afterbody [NASA-CASE-XLA-10450] Variable geometry rotor system for direct control over wake vortex [NASA-CASE-LAR-10557] Transonic propulsion fan for turbofan engine with rotor blade spacing designed to minimize noise emission
DRESSING TRIPHOSPHATE (ATP) Use of enzyme herokinase and glucose to reduce inherent light levels of ATP in luciferase compositions [NASA-CASE-IGS-05533]	directional stability at hypersonic velocities [NASA-CASE-XHS-04142] Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XLA-08801-1] Variable geometry manded orbital vehicle having high aerodynamic efficiency over wide speed range and incorporating auxiliary pivotal wings [NASA-CASE-XLA-03691] C31 N71-15674 Afterburner-equipped jet engine nacelle with slotted configuration afterbody [NASA-CASE-XLA-10450] Variable geometry rotor system for direct control over wake vortex [NASA-CASE-LAR-10557] Transonic propulsion fan for turbofan engine with rotor blade spacing designed to minimize noise emission [NASA-CASE-LEH-11402-1] Development of auxiliary lifting system to
DREMOSINE TRIPHOSPHATE (ATP) Use of enzyme herokinase and glucose to reduce inherent light levels of ATP in luciferase compositions [NASA-CASE-IGS-05533]	directional stability at hypersonic velocities [NASA-CASE-XHS-04142] Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XLA-08801-1] Variable geometry manded orbital vehicle having high aerodynamic efficiency over wide speed range and incorporating auxiliary pivotal wings [NASA-CASE-XLA-03691] C31 N71-15674 Afterburner-equipped jet engine nacelle with slotted configuration afterbody [NASA-CASE-XLA-10450] Variable geometry rotor system for direct control over wake vortex [NASA-CASE-LAR-10557] Transonic propulsion fan for turbofan engine with rotor blade spacing designed to minimize noise emission [NASA-CASE-LEH-11402-1] Development of auxiliary lifting system to
Use of enzyme hexokinase and glucose to reduce inherent light levels of ATP in luciferase compositions [NASA-CASE-IGS-05533]	directional stability at hypersonic velocities [NASA-CASE-XHS-04442] Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XHA-08804-1] Variable geometry manded orbital vehicle having high aerodynamic efficiency over wide speed range and incorporating auxiliary pivotal wings [NASA-CASE-XHA-03691] C31 N71-15674 Afterburner-equipped jet engine nacelle with slotted configuration afterbody [NASA-CASE-XHA-10450] Variable geometry rotor system for direct control over wake vortex [NASA-CASE-LAR-10557] Transonic propulsion fan for turbofan engine with rotor blade spacing designed to minimize noise emission [NASA-CASE-LEB-11402-1] Development of auxiliary lifting system to provide ferry capability for entry vehicles [NASA-CASE-LAR-10574-1] C11 N73-13257
Use of enzyme hexokinase and glucose to reduce inherent light levels of ATP in luciferase compositions [NASA-CASE-IGS-05533] c04 N69-27487 Detection instrument for light emitted from ATP biochemical reaction [NASA-CASE-IGS-05534] c23 N71-16355 Describing method for lyophilization of luciferase containing mixtures for use in life detection reactions [NASA-CASE-IGS-05532] c06 N71-17705 Automatic device for assaying urine on bacterial adenosine triphosphate content [NASA-CASE-IGS-05532] c05 N73-32011 ADHESION Tool for mounting and removing studs with adhesive coated head portion [NASA-CASE-HFS-20299] c15 N72-17392 ADHESIOE TESTS Apparatus for determining quality of bond between high density material	directional stability at hypersonic velocities [NASA-CASE-XHS-04442] Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XHA-08808-1] Variable geometry manded orbital vehicle having high aerodynamic efficiency over wide speed range and incorporating auxiliary pivotal wings [NASA-CASE-XLA-03691] C31 N71-15674 Afterburner-equipped jet engine nacelle with slotted configuration afterbody [NASA-CASE-XLA-10450] Variable geometry rotor system for direct control over wake vortex [NASA-CASE-XLA-10557] Transonic propulsion fan for turbofan engine with rotor blade spacing designed to minimize noise emission [NASA-CASE-LEB-11402-1] Development of auxiliary lifting system to provide ferry capability for entry vehicles [NASA-CASE-LAR-10574-1] Design of aircraft with rotatable wing for
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Use of enzyme hexokinase and glucose to reduce inherent light levels of ATP in luciferase compositions [NASA-CASE-IGS-05533] CO4 N69-27487 Detection instrument for light emitted from ATP biochemical reaction [NASA-CASE-IGS-05534] C23 N71-16355 Describing method for lyophilization of luciferase containing mixtures for use in life detection reactions [NASA-CASE-IGS-05532] C06 N71-17705 Automatic device for assaying urine on bacterial adenosine triphosphate content [NASA-CASE-IGS-05532] C05 N73-32011 ADHESIOM TOOL for mounting and removing study with adhesive coated head portion [NASA-CASE-HPS-20299] C15 N72-11392 ADHESIOM TESTS Apparatus for determining quality of bond between high density material and low density material [NASA-CASE-HPS-13686] C15 N71-18132	directional stability at hypersonic velocities [NASA-CASE-XHS-04442] Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XHA-08804-1] Variable geometry manued orbital vehicle having high aerodynamic efficiency over wide speed range and incorporating auxiliary pivotal wings [NASA-CASE-XHA-03691] Afterburner-equipped jet engine nacelle with slotted configuration afterbody [NASA-CASE-XHA-10450] Variable geometry rotor system for direct control over wake vortex [NASA-CASE-LAR-10557] Transonic propulsion fan for turbofan engine with rotor blade spacing designed to minimize noise emission [NASA-CASE-LBH-11402-1] Development of auxiliary lifting system to provide ferry capability for entry vehicles [NASA-CASE-LBH-10574-1] Design of aircraft with rotatable wing for producing high speed aerodynamic configuration [NASA-CASE-ARC-10470-21 DOWN 1-1043 COL N73-30018
Use of enzyme hexokinase and glucose to reduce inherent light levels of ATP in luciferase compositions [NASA-CASE-IGS-05533] c04 N69-27487 Detection instrument for light emitted from ATP biochemical reaction [NASA-CASE-IGS-05534] c23 N71-16355 Describing method for lyophilization of luciferase containing mixtures for use in life detection reactions [NASA-CASE-IGS-05532] c06 N71-17705 Automatic device for assaying urine on bacterial adenosine triphosphate content [NASA-CASE-GSC-11169-2] c05 N73-32011 ADHBSION Tool for mounting and removing studs with adhesive coated head portion [NASA-CASE-HFS-20299] c15 N72-11392 ADHESION TESTS Apparatus for determining quality of bond between high density material and low density material [NASA-CASE-HFS-13686] c15 N71-18132 ADHESIUB BONDING Fabrication of solar cell banks for attaching	directional stability at hypersonic velocities [NASA-CASE-XHS-04442] c31 N70-41631 Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XLA-08804-1] c02 N71-11043 Variable geometry manded orbital vehicle having high aerodynamic efficiency over wide speed range and incorporating auxiliary pivotal wings [NASA-CASE-XLA-03691] c31 N71-15674 Afterburner-equipped jet engine nacelle with slotted configuration afterbody [NASA-CASE-XLA-10450] c28 N71-21493 Variable geometry rotor system for direct control over wake vortex [NASA-CASE-LAR-10557] c02 N72-11018 Transonic propulsion fan for turbofan engine with rotor blade spacing designed to minimize noise emission [NASA-CASE-LEB-11402-1] c28 N72-20770 Development of auxiliary lifting system to provide ferry capability for entry vehicles [NASA-CASE-LAR-10574-1] c11 N73-13257 Design of aircraft with rotatable wing for producing high speed aerodynamic configuration [NASA-CASE-ARC-10470-2] c02 N73-30018 Bultistage aerospace craft perspective
Use of enzyme herokinase and glucose to reduce inherent light levels of ATP in luciferase compositions [NASA-CASE-IGS-05533]	directional stability at hypersonic velocities [NASA-CASE-XHS-04442] c31 N70-41631 Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XLA-08804-1] c02 N71-11043 Variable geometry manded orbital vehicle having high aerodynamic efficiency over wide speed range and incorporating auxiliary pivotal wings [NASA-CASE-XLA-03691] c31 N71-15674 Afterburner-equipped jet engine nacelle with slotted configuration afterbody [NASA-CASE-XLA-10450] c28 N71-21493 Variable geometry rotor system for direct control over wake vortex [NASA-CASE-XLA-10557] c02 N72-11018 Transonic propulsion fan for turbofan engine with rotor blade spacing designed to minimize noise emission [NASA-CASE-LEB-11402-1] c28 N72-20770 Development of auxiliary lifting system to provide ferry capability for entry vehicles [NASA-CASE-LEB-10574-1] c11 N73-13257 Design of aircraft with rotatable wing for producing high speed aerodynamic configuration [NASA-CASE-ARC-10470-2] c02 N73-30018 Hultistage aerospace craft perspective drawings of conceptual design
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Use of enzyme hexokinase and glucose to reduce inherent light levels of ATP in luciferase compositions [NASA-CASE-IGS-05533]	directional stability at hypersonic velocities [NASA-CASE-XHS-04442] Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XLA-08803-1] Variable geometry manded orbital vehicle having high aerodynamic efficiency over wide speed range and incorporating auxiliary pivotal wings [NASA-CASE-XLA-03691] C31 N71-15674 Afterburner-equipped jet engine nacelle with slotted configuration afterbody [NASA-CASE-XLA-10450] Variable geometry rotor system for direct control over wake vortex [NASA-CASE-XLA-10557] Transonic propulsion fan for turbofan engine with rotor blade spacing designed to minimize noise emission [NASA-CASE-LEB-11402-1] Development of auxiliary lifting system to provide ferry capability for entry vehicles [NASA-CASE-LAR-10574-1] Design of aircraft with rotatable wing for producing high speed aerodynamic configuration [NASA-CASE-ARC-10470-2] Bultistage aerospace craft perspective drawings of conceptual design [NASA-CASE-HBT-UG263] ARRODYNAMIC HEATING Development of thermal insulation system for uing and control surfaces of hypersonic
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Use of enzyme herokinase and glucose to reduce inherent light lewels of ATP in luciferase compositions [NASA-CASE-IGS-05533]	directional stability at hypersonic velocities [NASA-CASE-XHS-04142] Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XIA-08804-1] Variable geometry manued orbital vehicle having high aerodynamic efficiency over wide speed range and incorporating auxiliary pivotal wings [NASA-CASE-XIA-03691] Afterburner-equipped jet engine nacelle with slotted configuration afterbody [NASA-CASE-XIA-10450] Variable geometry rotor system for direct control over wake vortex [NASA-CASE-XIA-10557] Transonic propulsion fan for turbofan engine with rotor blade spacing designed to minimize noise emission [NASA-CASE-LEB-11402-1] Development of auxiliary lifting system to provide ferry capability for entry vehicles [NASA-CASE-LAR-10574-1] Design of aircraft with rotatable wing for producing high speed aerodynamic configuration [NASA-CASE-ARC-10470-2] Hultistage aerospace craft perspective drawings of conceptual design [NASA-CASE-XHP-02263] ARRODYDAGIC HEATING Development of thermal insulation system for wing and control surfaces of hypersonic aircraft and reentry vehicles [NASA-CASE-XLA-00892] Heat flux sensor adapted for nounting on aircraft or spacecraft to measure aerodynamic
Use of enzyme hexokinase and glucose to reduce inherent light levels of ATP in luciferase compositions [NASA-CASE-IGS-05533]	directional stability at hypersonic velocities [NASA-CASE-XHS-04442] Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XIA-08804-1] Variable geometry manued orbital vehicle having high aerodynamic efficiency over wide speed range and incorporating auxiliary pivotal wings [NASA-CASE-XIA-03691] Afterburner-equipped jet engine nacelle with slotted configuration afterbody [NASA-CASE-XIA-10450] Variable geometry rotor system for direct control over wake vortex [NASA-CASE-LAR-10557] Transonic propulsion fan for turbofan engine with rotor blade spacing designed to minimize noise emission [NASA-CASE-LEH-11402-1] Development of auxiliary lifting system to provide ferry capability for entry vehicles [NASA-CASE-LAR-10574-1] C11 N73-13257 Design of aircraft with rotatable wing for producing high speed aerodynamic configuration [NASA-CASE-ARC-10470-2] Bultistage aerospace craft perspective drawings of conceptual design [NASA-CASE-HR-02263] ARRODYNAMIC HEATING Development of thermal insulation system for wing and control surfaces of hypersonic aircraft and reentry vehicles [NASA-CASE-XIA-00892] Heat flux sensor adapted for mounting on aircraft or spacecraft to measure aerodynamic heat flux inflow to aircraft skin
Use of enzyme hexokinase and glucose to reduce inherent light levels of ATP in luciferase compositions [NASA-CASE-IGS-05533]	directional stability at hypersonic velocities [NASA-CASE-XHS-04442] c31 N70-41631 Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XIA-08804-1] c02 N71-11043 Variable geometry manded orbital vehicle having high aerodynamic efficiency over wide speed range and incorporating auxiliary pivotal wings [NASA-CASE-XIA-03691] c31 N71-15674 Afterburner-equipped jet engine nacelle with slotted configuration afterbody [NASA-CASE-XIA-10450] c28 N71-21493 Variable geometry rotor system for direct control over wake vortex [NASA-CASE-XIA-10557] c02 N72-11018 Transonic propulsion fan for turbofan engine with rotor blade spacing designed to minimize noise emission [NASA-CASE-LEB-11402-1] c28 N72-20770 Development of auxiliary lifting system to provide ferry capability for entry vehicles [NASA-CASE-LEB-10574-1] c11 N73-13257 Design of aircraft with rotatable wing for producing high speed aerodynamic configuration [NASA-CASE-ARC-10470-2] c02 N73-30018 Hultistage aerospace craft perspective drawings of conceptual design [NASA-CASE-XHP-02263] c02 N74-10907 ARRODYDAGIC HEATING Development of thermal insulation system for wing and control surfaces of hypersonic aircraft and reentry vehicles [NASA-CASE-XHP-02263] c33 N71-17897 Heat flux sensor adapted for mounting on aircraft or spacecraft to measure aerodynamic heat flux inflow to aircraft skin
DREMOSINE TRIPHOSPHATE (ATP) Use of enzyme berokinase and glucose to reduce inherent light levels of ATP in luciferase compositions [MASA-CASE-IGS-05533]	directional stability at hypersonic velocities [NASA-CASE-XHS-04142] Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XIA-08804-1] Variable geometry manued orbital vehicle having high aerodynamic efficiency over wide speed range and incorporating auxiliary pivotal wings [NASA-CASE-XIA-03691] Afterburner-equipped jet engine nacelle with slotted configuration afterbody [NASA-CASE-XIA-10450] Variable geometry rotor system for direct control over wake vortex [NASA-CASE-XIA-10571] Transonic propulsion fan for turbofan engine with rotor blade spacing designed to minimize noise emission [NASA-CASE-LEB-11402-1] Development of auxiliary lifting system to provide ferry capability for entry vehicles [NASA-CASE-LAR-10574-1] Design of aircraft with rotatable wing for producing high speed aerodynamic configuration [NASA-CASE-ARC-10470-2] Hultistage aerospace craft perspective drawings of conceptual design [NASA-CASE-XHP-02263] ARRODYNAMIC HEATING Development of thermal insulation system for wing and control surfaces of hypersonic aircraft and reentry vehicles [NASA-CASE-XLA-00892] Heat flux sensor adapted for nounting on aircraft or spacecraft to measure aerodynamic heat flux inflow to aircraft skin [NASA-CASE-XFE-03802] Ablative heat shield for protection from
DREMOSINE TRIPHOSPHATE (ATP) Use of enzyme berokinase and glucose to reduce inherent light levels of ATP in luciferase compositions [MASA-CASE-IGS-05533]	directional stability at hypersonic velocities [NASA-CASE-XHS-04442] Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XIA-08804-1] variable geometry manued orbital vehicle having high aerodynamic efficiency over wide speed range and incorporating auxiliary pivotal wings [NASA-CASE-XIA-03691] Afterburner-equipped jet engine nacelle with slotted configuration afterhody [NASA-CASE-XIA-10450] Variable geometry rotor system for direct control over wake vortex [NASA-CASE-XIA-10557] Transonic propulsion fan for turbofan engine with rotor blade spacing designed to minimize noise emission [NASA-CASE-LEB-11402-1] Development of auxiliary lifting system to provide ferry capability for entry vehicles [NASA-CASE-LAR-10574-1] Design of aircraft with rotatable wing for producing high speed aerodynamic configuration [NASA-CASE-ARC-10470-2] CO2 N73-30018 Hultistage aerospace craft perspective drawings of conceptual design [NASA-CASE-XHP-02263] ARRODYDAGIC HEATING Development of thermal insulation system for wing and control surfaces of hypersonic aircraft and reentry vehicles [NASA-CASE-XIA-00892] Heat flux sensor adapted for mounting on aircraft or spacecraft to measure aerodynamic heat flux inflow to aircraft skin [NASA-CASE-XIR-03802] Ablative heat shield for protection from aerodynamic heating of reentry spacecraft
DREMOSINE TRIPHOSPHATE (ATP) Use of enzyme berokinase and glucose to reduce inherent light levels of ATP in luciferase compositions [NASA-CASE-IGS-05533]	directional stability at hypersonic velocities [NASA-CASE-XHS-04442] Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XIA-08804-1] Variable geometry manued orbital vehicle having high aerodynamic efficiency over wide speed range and incorporating auxiliary pivotal wings [NASA-CASE-XIA-03691] Afterburner-equipped jet engine nacelle with slotted configuration afterbody [NASA-CASE-XIA-10450] Variable geometry rotor system for direct control over wake vortex [NASA-CASE-LAR-10557] Transonic propulsion fan for turbofan engine with rotor blade spacing designed to minimize noise emission [NASA-CASE-LEB-11402-1] Development of auxiliary lifting system to provide ferry capability for entry vehicles [NASA-CASE-LAR-10574-1] C11 N73-13257 Design of aircraft with rotatable wing for producing high speed aerodynamic configuration [NASA-CASE-ARC-10470-2] Bultistage aerospace craft perspective drawings of conceptual design [NASA-CASE-ARF-02263] ARRODYNAMIC HENTIUG Development of thermal insulation system for wing and control surfaces of hypersonic aircraft and reentry vehicles [NASA-CASE-XIA-00892] C33 N71-17897 Heat flux sensor adapted for mounting on aircraft or spacecraft to measure aerodynamic heat flux inflow to aircraft skin [NASA-CASE-XIR-03802] Ablative heat shield for protection fron aerodynamic heating of reentry spacecraft [NASA-CASE-SE-SC-12143-1] C33 N72-17947
ADRIGITHE TRIPHOSPHATE (ATP) Use of enzyme herokinase and glucose to reduce inherent light levels of ATP in luciferase compositions [NASA-CASE-IGS-05533]	directional stability at hypersonic velocities [NASA-CASE-XHS-04142] Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XLA-08804-1] variable geometry manned orbital vehicle having high aerodynamic efficiency over vide speed range and incorporating auxiliary pivotal vings [NASA-CASE-XLA-03691] C31 N71-15674 Afterburner-equipped jet engine nacelle with slotted configuration afterbody [NASA-CASE-XLA-10450] Variable geometry rotor system for direct control over wake vortex [NASA-CASE-XLA-10567] Transonic propulsion fan for turbofan engine vith rotor blade spacing designed to minimize noise emission [NASA-CASE-LEB-11402-1] Development of auxiliary lifting system to provide ferry capability for entry vehicles [NASA-CASE-LAR-10574-1] Design of aircraft vith rotatable ving for producing high speed aerodynamic configuration [NASA-CASE-ARC-10470-2] Bultistage aerospace craft perspective drawings of conceptual design [NASA-CASE-XHF-02263] ARRODYDAMIC HEATING Development of thermal insulation system for ving and control surfaces of hypersonic aircraft and reentry vehicles [NASA-CASE-XLA-00892] Heat flux sensor adapted for mounting on aircraft or spacecraft to measure aerodynamic heat flux inflow to aircraft skin [NASA-CASE-XHF-03802] Ablative heat shield for protection fron aerodynamic heating of reentry spacecraft [NASA-CASE-HSC-12143-1] ARRODYDAMIC LOADS
DREMOSINE TRIPHOSPHATE (ATP) Use of enzyme berokinase and glucose to reduce inherent light levels of ATP in luciferase compositions [NASA-CASE-IGS-05533]	directional stability at hypersonic velocities [NASA-CASE-XHS-04442] Development and characteristics of translating horizontal tail assembly for supersonic aircraft [NASA-CASE-XIA-08804-1] Variable geometry manued orbital vehicle having high aerodynamic efficiency over wide speed range and incorporating auxiliary pivotal wings [NASA-CASE-XIA-03691] Afterburner-equipped jet engine nacelle with slotted configuration afterbody [NASA-CASE-XIA-10450] Variable geometry rotor system for direct control over wake vortex [NASA-CASE-LAR-10557] Transonic propulsion fan for turbofan engine with rotor blade spacing designed to minimize noise emission [NASA-CASE-LEB-11402-1] Development of auxiliary lifting system to provide ferry capability for entry vehicles [NASA-CASE-LAR-10574-1] C11 N73-13257 Design of aircraft with rotatable wing for producing high speed aerodynamic configuration [NASA-CASE-ARC-10470-2] Bultistage aerospace craft perspective drawings of conceptual design [NASA-CASE-ARF-02263] ARRODYNAMIC HENTIUG Development of thermal insulation system for wing and control surfaces of hypersonic aircraft and reentry vehicles [NASA-CASE-XIA-00892] C33 N71-17897 Heat flux sensor adapted for mounting on aircraft or spacecraft to measure aerodynamic heat flux inflow to aircraft skin [NASA-CASE-XIR-03802] Ablative heat shield for protection fron aerodynamic heating of reentry spacecraft [NASA-CASE-SE-SC-12143-1] C33 N72-17947

[NASA-CASE-XAC-00139] C02 N70-3485	66 vehicles [NASA-CASE-LAR-10539-1] c17 H73-12547
ABHODINANIC STABILITY Aerodynamically stable meteorological balloon	ABBOSPACEPLANES
using surface roughness effect	Bultistage aerospace craft perspective
rwaca_cacr=YPP=041631	
proceure sensor network for measuring liquid	[==== +==== 1
dynamic response in flight including fuel tank acceleration, liquid slosh amplitude, and fuel	Afterburner-equipped jet engine macelle with
denth monitoring	slotted configuration afterbody
r vaca_casr-via=06541]	37 [NASA-CASE-XLA-10450] C28 N71-21495 APTERBURNING
Spacecraft design with single point aerodynamic	Exhaust nozzle with afterburning for generating
and hydrodynamic stability for emergency transport of men from space station to	thrust
splashdown	[NASA-CASE-XLA-00154] c28 870-33374
[NASA-CASE-HSC-13281] c31 N72-1885	59 ATLEBOUS Device for controlling rotary potentioneter
ARRONAUTICAL ENGINEERING Differential pressure cell insensitive to	mounted on aircraft steering wheel or aileron
changes in ambient temperature and extreme	control "45 m24 22000
overload	[NASA-CASE-XAC-10019] c15 m71-23809
[NASA-CASE-XAC-00042] c14 N70-3481	Gas purged dry box glove reducing permeation of
ABROSOLS Liquid aerosol dispenser with explosively driver	
piston to compress light gas to extremely high	attiuston curough grove
pressure	[NESE-CRSS-ALE-02551]
[WASA-CASE-MFS-20829] c12 N72-2131 Remote detection and measurement of clear air	for producing magnetic field in air
turbulence using pulsed laser radar	[WASA-CASE-XNP-01185] c26 N73-28710
[NASA-CASE-MPS-21244-1] G20 H73-2152	23 AIR COMDITIONING RQUIPMENT Portable apparatus producing high velocity
ABROSPACE REGISERIEG	annular air column surrounding low velocity,
Modifying existing solar cells for temperature control	filtered, superclean air central core for
(NASA-CASE-NPO-10109] C03 N71-1104	
Metallic film diffusion for boundary lubrication	n [WASA-CASE-XMF-03212] c15 N71-22721 Air conditioning system and automatic
in aerospace engineering fwasa-case-vir-103371 c15 W71-240	
[HASA-CASE-KLE-10337] C15 M71-2400 Soldering device particularly suited to making	from opposite directions in supply duct
high quality wiring doints for aerospace	[NASA-CASE-GSC-11445-1] c15 N72-28503
engineering utilizing capillary attraction to	AIR COOLING Modification and improvement of turbine blades
regulate flow of solder [NASA-CASE-XLA-08911] c15 N71-272	14 for maximum cooling efficiency
ARROSPACE ENVIRONMENTS	[HASA-CASE-XLE-00092] c15 N70-33264
High voltage insulators for direct current in	AIR DUCTS Air conditioning system and automatic
acceleration system of electrostatic thrustor [NASA-CASE-ILE-01902] c28 H71-105	74 distribution device for distributing air flow
Metallic film diffusion into metal or ceramic	from opposite directions in supply duct
surfaces for boundary lubrication in aerospac	e [WASA-CASE-GSC-11445-1] c15 N72-28503
environments [NASA-CASE-XLE-01765] c18 M71-107	
[NASA-CASE-XLE-01765] C18 N71-107 Preparation of inorganic solid film lubricants	separation and characteristics of filter cell
with long wear life and stability in aerospac	e support frame for improved operation [NASA-CASE-MSC-12297] c14 N72-23457
environments FNASA-CASE-XMF-039881 c15 N74-214	[222 422 22
[NASA-CASE-XMF-03988] c15 N74-214 Momentum-velocity analyzer for measuring minute	Wind tunnel air flow modulating device and
space particles	apparatus for selectively generating make
[NASA-CASE-XMS-04201] c14 W71-229	90 motion in wind tunnel airstream (WASA-CASE-KLA-00112) c11 N70-33287
Metal alloy bearing materials for space applications	Photographing surface flow patterns on wind
FNASA-CASE-KLE-050331 c15 N71-238	10 tunnel test models
Method and apparatus for adjusting thermal	with a grant to the grant was demanded in good
conductance in electronic components for spacuse	torbine during air flow distortion
[NASA-CASE-NNP-05524] C33 N71-248	76 [NASA-CASE-LEW-10286-1] c28 M71-28915
Space environment simulator for testing	Air conditioning system and automatic ons distribution device for distributing air flow
spacecraft components under aerospace conditi [HASA-CASE-NPO-10141] c11 H71-249	
High dc switch for causing abrupt, cyclic,	[NASA-CASE-GSC-11445-1] c15 N72-28503
decreases of current to operate under zero or	Airflow distribution control in gas turbine
varying gravity conditions	engines SASA-CASE-LEW-11593-1]
[HASA-CASE-LEW-10155-1] c09 N71-290 ABBOSPACE MEDICINE	Apparatus and method for generating large mass
Piston device for producing known constant	flow of high temperature air at hypersonic
positive pressure within lungs by using	speeds Nasa-Case-Lar-10612-11
thoracic muscles [NASA-CASE-XMS-01615] c05 N70-413	
ARROSPACE VEHICLES	Aeroflexible wing structure with air scoop for
Aerospace configuration with low and high aspec	
ratio variability for high and low speed flig [WASA-CASE-XLA-00142] c02 N70-332	
[HASA-CASE-NIA-00142] c02 N70-332 Landing pad assembly for aerospace vehicles	inlet thrust augmentation
[NASA-CASE-XMF-02853] c31 M70-366	
Aerospace vehicle with variable planform for	AIR LOCKS Spacecraft air lock system to provide ingress
hypersonic and subsonic flight [MASA-CASE-ILA-00805] c31 870-380	
Development of resilient fastener for attaching	vehicular environment to vacuum of space
skin of aerospace vehicles to permit movement	FHASA-CASE-YLA-02050] C31 H71-22968
of skin relative to framework	System for removing and repairing spacecraft control thrusters by use of portable air locks
[WASA-CASE-ILA-01027] c31 W71-240 Chemical spot tests for identification of	[NASA-CASE-MPS-20325] c28 N71-27095
titanium and titanium alloys used in aerospac	

[BASA-CASE-ARC-10470-1]

Aircraft configuration for reducing effects of nose-down pitching noments due to high lift rose, loss of trin lift, and engine-out

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Airlock for waste transferal from pressurized enclosure aboard space vehicle to waste
                                                                                                      yaving noments
[MASA-CASE-LAR-11252-1] c02 H73-2600
Development of aircraft configuration for reduction of jet aircraft noise by exhausting engine gases over upper surface of ring
[NASA-CASE-LAR-11087-1] c02 H73-2600
         enclosure aboatu space tentoric receiver at negative pressure [BASA-CASE-BFS-20922]
                                                                                                                                                                c02 N73-26007
                                                                c31 172-20840
      Air lock mechanism for inserting and renoving specimens from vacuum furnace
[NASA-CASE-LAR-10841-1] c15 N73-12
                                                                                                                                                                c02 #73-26008
                                                               c15 N73-12494
                                                                                                 MIRCRAFT COUTROL
 AIR POLLUTION
                                                                                                      Development and characteristics of control
      Analytical photoionization mass spectrometer with argon gas filter between light source and
                                                                                                         system for flexible wings
                                                                                                         [NASA~CASE~XLA-06958]
                                                                                                                                                                CO2 N71-11038
         nonochroneter
                                                                                                      Development of attitude control system for
         [ MASA-CASE-LAR-10180-1]
                                                               c06 #71-13461
                                                                                                         vertical takeoff aircraft using reaction
      Contamination free separation nut eliminating
                                                                                                          nozzles displaced from various axes of aircraft
         combustion products from ambient surroundings
                                                                                                      [BASA-CASE-XAC-08972] c02 R71-205
Device for controlling rotary potentiometer
Lounted on aircraft steering wheel or aileron
                                                                                                                                                                c02 N71-20570
         generated by squib firing [NASA-CASE-X6S-01971]
      Bonitoring atmospheric pollutants with a
                                                                                                          control
        heterodyne radiometer transmitter-receiver
[NASA-CASB-NPO-11919-1] c14 N74-
                                                                                                         [NASA-CASE-XAC-10019]
                                                                                                                                                                c15 N71-23809
                                                                                                      Direct lift control system having flaps with
slots adjacent to their leading edge and
                                                               c14 N74-11284
 AIR PURIFICATION
     Developing high pressure gas purification and
                                                                                                         particularly adapted for lightweight aircraft [NASA-CASE-LAR-10249-1] c02 #71-261
         filtration system for use in test operations
                                                                                                                                                               c02 871-26110
         of space vehicles
                                                                                                      Supersonic or hypersonic vehicle control system comprising elevons with hinge line sweep and free of adverse aerodynanic cross coupling
     [MASA-CASE-MFS-12806] c14 M71-17
Portable apparatus producing high velocity
annular air column surrounding low velocity,
                                                                                                      [NASA-CASE-XLA-08967] C02 E71-27080
Development of aircraft control system with high performance electrically controlled and mechanically operated hydraulic valves for
                                                                                                                                                               C02 171-27088
         filtered, superclean air central core for
         industrial clean room environmental control
         [NASA-CASE-XHF-03212]
                                                              c15 N71-22721
 AIR SAMPLING
                                                                                                        precise flight operation [NASA-CASE-XAC-00048]
     Pressure probe for sensing ambient static air
                                                                                                                                                               c02 N71-29128
         pressures
                                                                                                      Development of thrust control system for
        [NASA-CASE-XLA-00481]
                                                              c14 N70-36824
                                                                                                         application to control of aircraft and
AIR TRAPPIC CONTROL
                                                                                                         spacecraft
     Traffic control system for supersonic transports
                                                                                                         [ WASA-CASE-BSC-13397-1 ]
         using synchronous satellite for data relay
                                                                                                      Aircraft control system for rotary wing aircraft [NASA-CASE-ERC-10439] c02 N73-1900
        between Vehicles and ground station
[WASA-CASE-GSC-10087-1]
                                                                                                                                                               c02 N73-19004
                                                                                                      Situational display system of cathode ray tubes to assist pilot in aircraft control [NASA-CASE-ERC-10350] c14 #73-204
                                                              c02 %71-19287
     Satellite aided aircraft collision avoidance
     system effective for large number of aircraft
[WASA-CASE-ERC-10090] c21 W71-24948
System and method for position locating for air
traffic control involving supersonic transports
[WASA-CASE-GSC-10087-3] c07 W72-12080
                                                                                                                                                               c14 ¥73-20474
                                                                                                      Development of aerodynamic control system to
                                                                                                        control flutter over large range of oscillatory frequencies using stability
                                                                                                        augmentation techniques
[MASA-CASE-LAR-10682-1]
AIRBORDE RQUIPMENT
                                                                                                                                                               c02 #73-26004
     Inflatable radar reflector unit - lightweight,
highly reflective to electromagnetic
radiation, and adaptable for erection and
                                                                                                     Aircraft configuration for reducing effects of
nose-down pitching moments due to high lift
                                                                                                        forces, loss of trin lift, and engine-out
        deployment with minimum effort and time
                                                                                                        yawing noments [WASA-CASE-LAR-11252-1]
        [NASA-CASE-INS-00893]
                                                              c07 N70-40063
                                                                                                                                                               c02 N73-26007
AIRBORDE/SPACEBORDE COGPUZERS
                                                                                                     Development and characteristics of system for
     Logic circuit to ripple add and subtract binary
                                                                                                        integrated control of engine power and aerodynamic configuration of aircraft during
        counters for spaceborne computers
                                                                                                     landing approach

[FISA-CASE-ARC-10456-1] c02 F73

Terminal guidance system --- for guiding aircraft into preselected altitude and/or heading at terminal point

[HASA-CASE-PRC-10049-1] c21 E74-
        [NASA-CASE-XGS-04766]
                                                              c08 $71-18602
     Shared memory for a fault-tolerant computer [NASA-CASE-MPO-13139-1] c08 874
LIRCHAPT
     Combined shoulder harness and lap belt restraint
        system for use in aircraft or automobiles [NASA-CASE-ARC-10519-1] c05 N72
                                                                                                                                                               c21 N74-13420
                                                              c05 #72-31117
                                                                                                ALECRAPT DESIGN
     Pilot varning indicator system of intruder
                                                                                                     Design of supersonic aircraft with novel fixed,
                                                                                                        swept wing planform [WASA-CASE-XLA-04451]
        aircraft
        [ NASA-CASE-BRC-10226-1]
                                                             -c14 N73-16483
                                                                                                                                                               CO2 N71-12243
                                                                                                     pesign of dual fuselage aircraft with pivoting wing and horizontal stabilizer to permit yawing of wing in flight for high speed
AIRCRAPT ACCIDENTS
     Satellite aided aircraft collision avoidance
     system effective for large number of aircraft
[MASA-CASE-ERC-10090] c21 M71-24948
Aircraft nounted crash location transmitter for
energency signal transmission after crashes
                                                                                                     [SASA-CASE-ARC-10470-1] c02 N73-26005
Aircraft configuration for reducing effects of
nose-down pitching moments due to high lift
forces, loss of trib lift, and engine-out
                                                                                                        [ NASA-CASE-ARC-10470-1 ]
        [ BASA-CASE-HPS-16609-2]
                                                              c07 873-31084
ARCRAFT APPROACH SPACING
Brononical satellite aided vehicle avoidance system for preventing midair collisions [MASA-CASE-ERC-10419] c21 N72-AMBCRAFT COMPIGURATIONS
                                                                                                     yawing moments
[MASA-CASE-LAR-11252-1]
Design of aircraft with rotatable wing for
                                                                                                                                                               C02 E73-26007
                                                              c21 N72-21631
                                                                                                        producing high speed aerodynamic configuration (MASA-CASE-ARC-10470-2] c02 #73-3001
     Variable sweep wing configuration for supersonic
                                                                                                                                                              CO2 N73-30018
                                                                                                     Bultistage aerospace craft --- perspective drawings of conceptual design [BASA-CASE-MEP-02263] c02 874
        aircraft
    [NASA-CASE-NLA-00230] c02 N70-
Television simulation for aircraft and space
                                                              c02 1170-33255
        flight
                                                                                                AIRCRAFT DESECTION
        [ WASA-CASE-XPR-03107]
                                                                                                     Surface based altitude neasuring system for
                                                              CO9 N71-19449
    Design of dual fuselage aircraft with pivoting uing and horizontal stabilizer to permit yaving of wing in flight for high speed
                                                                                                        accurately neasuring altitude of airborne
                                                                                                        vehicle
                                                                                                        [ NASA-CASE-BEC-10412-1 ]
                                                                                                                                                              CO9 N73-12211
        operation
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CO2 N73-26005

AIRCRAFT BUGIDES

Development of annular acoustically porous

engine noise intensity

elements for installation in enhaust and inlet ducts of turbofan engine to reduce aircraft

[NASA-CASE-LAR-11141-1] c02 N73-22975 AIRCRAFT EQUIPMENT	Transparent fire resistant polymeric structures [NASA-CASE-ARC-10813-1] c18 H74-16249 AIRFOIL PROPILES
Development of radiometric sensor to warn aircraft pilots of region of clear air	Airfoil with cambered trailing edge section for
turbulence along flight path [NASA-CASE-ERC-10081] c14 N72-28437 AIRCRAFT HAWARDS	supersonic flight [NASA-CASB-LAR-10585-1] c0: N73-1498: AIRFOILS
Deflector for preventing objects from entering	Electric analog for measuring induced drag on
nacelle inlets of jet aircraft [NASA-CASE-XLE-00388]	nonplanar airfoils [MASA-CASB-XLA-00755] c01 N71-13410 Electric analog for measuring induced drag on
Variable-orifice hydraulic mechanism for	nonplanar airfoils
aircraft gas turbine engine fuel control [NASA-CASE-LEW-11187-1] c28 N73-19793	[NASA-CASE-XLA-05828] c01 N71-13411
AIRCRAFT INSTRUMENTS Aircraft instrument for indicating malfunctions	Design of dual fuselage aircraft with pivoting wing and horizontal stabilizer to permit
during takeoff	yawing of wing in flight for high speed
[NASA-CASE-NLA-00100] c14 N70-36807 Pressure probe for sensing ambient static air	operation [NASA-CASE-ARC-10470-1] c02 N73-26005
pressures [NASA-CASE-XLA-00481] c14 M70-36824	Aircraft configuration for reducing effects of nose-down pitching moments due to high lift
Aircraft indicator for pilot control of takeoff	forces, loss of trim lift, and engine-out
roll, climbout path and verticle flight path in poor visibility conditions	yawing moments [MASA-CASE-LAR-11252-1] c02 N73-26007
[NASA-CASE-XLA-00487] c14 N70-40157 Optical projector system for establishing	AIRSPERD Aerodynamic configuration for aircraft capable
optimum arrangement of instrument displays in	of high speed flight and low drag for low speed takeoff or landing upon presently
aircraft, spacecraft, other vehicles, and industrial instrument consoles	existing airfields
[NASA-CASE-XNP-03853] c23 N71-21882 Combined optical attitude and altitude	[MASA-CASE-XLA-00806]
indicating instrument for use in aircraft or spacecraft	New trifunctional alcohol derived from trimer acid and novel method of preparation
[NASA-CASE-XLA-01907] c14 N71-23268	[NASA-CASE-NPO-10714] c06 N69-31244
Aircraft horizon and vertical indicator [NASA-CASE-BRC-10392] c21 N73-14692	Cooling and radiation protection of ruby lasers using copper sulfate solution in alcohol
AIRCRAFT LANDING Aerodynamic configuration for aircraft capable	[NASA-CASE-MFS-20180] c16 N72-12440
of high speed flight and low drag for low	Direct synthesis of polymeric schiff bases from
speed takeoff or landing upon presently existing airfields	two amines and two aldehydes [NASA-CASE-XMP-08655] c06 N71-11239
[NASA-CASE-XLA-00806] c02 N70-34858 Magnetic method for detection of aircraft	Synthesis of azine polymers for heat shields by azine-aromatic aldehyde reaction
position relative to runway	[NASA-CASE-XMF-08656] c06 N71-11242
[NASA-CASE-ARC-10179-1] c21 N72-22619 Development and characteristics of system for	Synthesis of aromatic diamines and dialdehyde polymers using Schiff base
integrated control of engine power and aerodynamic configuration of aircraft during	[NASA-CASE-INF-03074] c06 N71-24740
landing approach	Centering device with ultrafine adjustment for
AIRCRAFT MODELS	use with roundness measuring apparatus [NASA-CASE-XMF-00480] c14 N70-39898
<pre>Pree flight suspension system for use with aircraft models in wind tunnel tests</pre>	Portable device for aligning surfaces of two adjacent wall or sheet sections for joining at
[NASA-CASE-XLA-00939] c11 N71-15926 Variable geometry wind tunnel for testing	point of junction [NASA-CASE-XMP-01452] c15 N70-41371
aircraft models at subsonic speeds	Rlectro-optical/computer system for aligning
[NASA-CASE-YLA-07430] c11 N72-22246 AIRCRAPT PERFORMANCE	large structural members and maintaining correct position
Development of auxiliary lifting system to provide ferry capability for entry vehicles	[NASA-CASE-KNP-02029] c14 N70-41955 Rlectrical and electronechanical trigonometric
[NASA-CASE-LAR-10574-1] c11 b73-13257 AIRCRAFT SAFETY,	computation assembly and space vehicle
Aircraft instrument for indicating malfunctions	guidance system for aligning perpendicular axes of two sets of three-axes coordinate
during takeoff [NASA-CASE-XLA-00100] c14 N70-36807	references [BASA-CASE-XMF-00684] c21 N71-21688
Development and operating principles of	Description of device for aligning stacked
collision warning system for aircraft accident prevention	sheets of paper for repetitive cutting [NASA-CASB-XMS-04178] c15 N71-22798
[NASA-CASE-HQN-10703] c21 N73-13643 AIRCRAFT STABILITY	Laser beam projector for continuous, precise alignment between target, laser generator, and
<pre>Mechanical stabilization system for VTOL aircraft [NASA-CASE-XLA-06339]</pre>	astronomical telescope during tracking [MASA-CASE-NPO-11087] c23 N71-29125
Development of aerodynamic control system to	Measuring roll alignment of test body with
control flutter over large range of oscillatory frequencies using stability	respect to reference body [NASA-CASE-GSC-10514-1] c14 N72-20379
augmentation techniques [NASA-CASE-LAR-10682-1] co2 N73-26004	Guide accessories for correctly aligning paper in typewriter to correct typographical errors
AIRCRAPT STRUCTURES	[NASA-CASE-MFS-15218-1] c15 N73-31438
Fatigue testing device applying random discrete load levels to test specimen and applicable to	Design of precision vertical alignment system using laser with gravitationally sensitive
aircraft structures [NASA-CASE-XLA-02131] c32 N70-42003	cavity [MASA-CASE-ARC-10444-1] c16 H73-33397
Heat flux sensor adapted for mounting on aircraft or spacecraft to measure aerodynamic	ALEALI HETALS
neat flux inflow to aircraft skin	Ultraviolet radiation resistant alkali-metal silicate coatings for temperature control of
[NASA-CASE-IFR-03802] c33 N71-23085 Three-axis adjustable loading structure	spacecraft [NASA-CASE-NGS-04119] c18 N69-39979
[NASA-CASE-FEC-10051-1] C14 H74~13129	Analytical test apparatus and method for
	determining oxygen content in alkali liquid

mot a 3	
metal [NASA-CASE-XLE-01997] c06 N71-23527	ALTITODE
Composition and production method of alkali	Combined optical attitude and altitude
metal BillCate Daint with mitravialet.	indicating instrument for use in aircraft or
rerrection properties	spacecraft [NASA-CASE-XLA-01907] c14 N71-23268
1 MASA-CASE-XGS-047991	ALTITUDE CONTROL C14 N71-23268
Design and characteristics of heat activated	Ambient atmospheric pressure sensing device for
electric cell with anode made from one or more alkali metals and cathode made from oxidizing	determining altitude of flight wehicles
macet 191	[NASA-CASE-XLA-00128] c15 N70-37925
[NASA-CASE-LEH-11358] CO3 N71-26084	ALOHINOH
sethod for producing alkali metal dispersions of	Joining aluminum to stainless steel by bonding aluminum coatings onto titanium coated
this party	stainless steel and brazing aluminum to
[NASA-CASE-XNP-08876] c17 N73-28573	aluminum/titanium coated steel
method for determining state of charge of alkali	[NASA-CASE-MFS-07369] c15 N71-20043
batteries by using tritium as tracer	Low concentration alkaline solution treatment of
L ##34 CASE = XNP - 01464 1	aluminum with metal phosphate surface coatings
Alkaline-type coulometer cell for primary charge	to improve chemical bonding and reduce coating seight
(Nich class was a secondary battery recharge circuits	[NASA-CASE-XLA-01995] c18 N71-23047
[NASA-CASE-XGS-05434] CO3 N71-20491	Etching aluminum alloys with agreeus solution
Preparation of fluorohydroxy ethers by reacting	containing sulfuric acid, hydrofluoric acid
fluoroalkylene oxides with alkali salt of	and an alkall metal dischromate for adhesive
poryrruoroalkylene diol	bonding
[NASA-CASE-MFS-10507] c06 N73-30101	[NASA-CASE-XMF-02303] c17 N71-23828 Process for producing dispersion strengthened
	nickel with aluminum comprising metallic
Brazing alloy adapted for brazing corrosion	matrices embedded with oxides or other
resistant steel to refractory metals, also for brazing refractory metals to other refractory	hyperiine compounds
metals co other retractory	[NASA-CASE-NLB-06969] c17 N71-24142
[NASA-CASE-XNP-03063] c17 N71-23365	Nickel plating onto etched aluminum castings
detai alloy bearing materials for space	[NASA-CASE-INP-04148] c17 N71-24830 Method of plating copper on aluminum to permit
applications [NASA-CASE-XLE-05033] c15 N71-23810	conventional soldering of structural aluminum
High thermal emittance black surface coatings	Dogles
and process for applying to metal and metal	[NASA-CASE-NLA-08966-1] c17 N71-25903
alloy surfaces used in radiative cooling of	Heat activated emf cells with aluminum anode
spaceciait	[NASA-CASE-LEH-11359] c03 N71-28579 Beat activated cell with aluminum anode
[NASA-CASE-XLA-06199] c15 N71-24875	[NASA-CASE-LEW-11359-2] c03 N72-20034
Adjustable rigid mount for trihedral mirror formed of alloy with small coefficient of	Graded band gap p-n junction gallium
thermal expansion supporting screws and	arsenide/gallium aluminum arsenide solar cell
spring-biased plates	[NASA-CASE-LAR-11174-1] CO3 N73-26047
[NASA-CASE-XNP-08907]	A panel for selectively absorbing solar thermal
metallic alloy and aluminide coating for	energy and the method for manufacturing the panel
petallic base system	[NASA-CASE-NFS-22562-1] C03 N74-19700
[NASA-CASE-LEH-11696-1] c15 N73-10502 Two-step diffusion welding process of	ALUHINUH ALLOYS
unrecrystallized alloys	High strength aluminum casting alloy for
[NASA-CASE-LEH-11388-1] c15 N73-32358	cryogenic applications in aerospace engineering
Buplex aluminized coatings	[NASA-CASE-IMP-02786] c17 N71-20743 Etching aluminum alloys with aqueous solution
[NASA-CASE-LEH-11696-2] c18 N74-18197	containing sulfuric acid, hydrofluoric acid,
ALLYL COMPOUNDS Honomer polymerization by plasma discharge as	and an alkali metal dischromate for adhesive
thin film for water purification membrane	nouding
[NASA-CASE-ARC-10643-1] c06 N73-29074	[NASA-CASE-XMF-02303] c17 N71-23828
ALPHANUERRIC CHARACTERS	Method of flurless brazing and diffusion bonding of aluminum containing components
Alphanumeric character display device for	
OSCILLOSCOPES	ALUEINUE COATINGS
[NASA-CASE-GSC-11582-1] c09 N73-32120	Metallic alloy and aluminide coating for
Characteristics of high power, low distortion,	metailic base system
alternating current power amplifier	[NASA-CASE-LEH-11696-1] c15 N73-10502
[NASA-CASE-LAR-10218-1] CO9 N70-34559	Intermetallic chromium containing nickel aluminide for high temperature corrosion
Frequency control network for current feedback	protection of stainless steels
oscillators converting dc voltage to ac or higher dc voltages	[NASA-CASE-LEH-11267-11 C17 W73-32410
[NASA-CASE-GSC-10041-1] c10 N71-19418	Duplex aluminized coatings
Blood pressure measuring system for separately	[NASA-CASE-LEH-11696-2] c18 N74-18197
recording dc and ac pressure signals of	ALUHIBUH SILICATES Shite paint production by heating impure
Korotkoff sounds	aluminum silicate clay having low solar
[NASA-CASE-XMS-06061] c05 N71-23317	absorptance
Solid state circuit for switching alternating current input signal as function of direct	[NASA-CASE-XNP-02139] c18 N71-24184
current gating transistor	ABBULANCES
[NASA-CASE-XNP-06505] c10 N71-24700	Communication system for transmitting biomedical
Device for voltage conversion using controlled	ANAVAMACION OUTSINES from pationt in most-
pulse widths and arrangements to generate ac	ambulance to hospital for diagnosis [NASA-CASE-FRC-10031] C05 N70-20717
output voltage	MRINES
[NASA-CASE-NFS-10068] c10 N71-25139 Inverters for changing direct current to	Direct synthesis of polymeric schiff bases from
alternating current	ran grines and ide aldepades
[NASA-CASE-XGS-06226] C10 N71=25950	[NASA-CASE-XMP-08655]
Do to ac to do converter with transistor driven	Synthesis of schiff bases for heat shields by
synchronous rectifiers	TNASA-CASE-VER-COSSA
[NASA-CASE-GSC-11126-1] c09 N72-25253	Automated system for monitoring ovidative
Phase protection system for ac power lines [NASA-CASE-MSC-17832-1] c10 N74-14956	metapolites of aromatic amines
	-7 [NASA-CASE-ARC-10469-1] C06 N72-31145

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Polyimide foam for the thermal insulation and	[NASA-CASE-XMS-04269] c16 N71-22895
fire protection	vibrating element electrometer producing high conversion gain by input current control of
[NASA-CASE-ARC-10464-1] c06 N74-12812	elements resonant frequency displacement
ANNONIA Solid state chemical source for ammonia beam	amplitude
nasers	[NASA-CASE-XAC-02807] C09 N71-23021 Scanning signal phase and amplitude electronic
[NASA-CASE-XGS-01504] c16 N70-41576	control device with hybrid T waveguide junction
AMMONIUM PERCHLORATES Ammonium perchlorate composite propellant with	[NASA-CASE-NPO-10302] c10 N71-26142
organic Cu/II/ chelate catalytic additive	High efficiency transformerless amplitude
[NASA-CASE-LAR-10173-1] c27 N71-14090	modulator coupled to RF power amplifier [NASA-CASE-GSC-10668-1] C07 N71-28430
AMPLITATION	[NASA-CASE-GSC-10668-1] CO7 N/1-28430 Gated compressor, distortionless signal limiter
Automatic measuring and recording of gain and zero drift characteristics of electronic	[NASA-CASE-NPO-11820-1] C07 N74-19788
amplifie ^r	Amplitude steered array Thasa-case-gsc-11446-11 c09 N74-20860
rnasa-case-xms-05562-1] c09 N69-39986	[NASA-CASE-GSC-11446-1] CO9 N74-20860 AMPLITODES
Clamped amplifier circuit for horizon scanner enabling amplification and accurate	Circuits for amplitude limiting of random noise
measurement of specified parameters	inputs
f NASA-CASE-XGS-01784] C10 N/1-20/82	[NASA-CASE-NPO-10169] c10 N71-24844
Diversity receiving system with diversity phase	ANALOG CIRCUITS Electric network for monitoring temperatures,
lock [NASA-CASE-XGS-01222] c10 N71-20841	detecting critical temperatures, and
Design of active RC network capable of operating	indicating critical time duration
at high O values with reduced sensitivity to	[NASA-CASE-XHF-01097] c10 N71-16058 Automatic closed circuit television arc guidance
gain amplification and number of passive	control for welding joints
components [NASA-CASE-ARC-10042-2] c10 N72-11256	[NASA-CASE-MFS-13046] c07 N71-19433
Amplifying circuit with constant current source	Electronic divider and multiplier for analog
for accumulator load and high gain voltage	electric signals [NASA-CASE-XFE-05637] c09 N71-19480
amplification rwasa-case-npo-110231 c09 n72-17155	AMALOG COMPUTERS
[NASA-CASE-NPO-11023] CO9 N/2-1/155 AMPLIFIER DESIGN	Analog spatial maneuver computer with three
Automatic gain control amplifier system	output angles for obtaining desired spatial
[NASA-CASE-XMS-05307] c09 N69-24330	attitude [NASA-CASE-GSC-10880-1]
Isolated dc amplifier for bioelectric measurements [NASA-CASE-ARC-10596-1] c09 N72-27233	ANALOG DATA
AMPLIFIERS	Data compression processor for monitoring analog
Development of stable electronic amplifier	signals by sampling procedure [NASA-CASE-NPO-10068] C08 N71-19288
adaptable for monolithic and thin film construction	wide range analog data compression system
[NASA-CASE-XGS-02812] C09 N71-19466	[NASA-CASE-NGS-02612] c08 N71-19435
Ear oximeter for monitoring blood oxygenation	Analog signal to discrete time converter [NASA-CASE-ERC-10048]
and pressure, pulse rate, and pressure pulse	[NASA-CASE-ERC-10048] G09 N72-25251 ANALOG TO DIGITAL CONVERTERS
curve, using dc and ac amplifiers [NASA-CASE-XAC-05422] c04 N71-23185	Conversion system for increasing resolution of
Comb type traveling wave maser amplifier for	analog to digital converters
improved high gain broadband output	[NASA-CASE-XAC-00404] C08 N70-40125 Analog to digital converter for converting
[NASA-CASE-NPO-10548] c16 N71-24831 Vibrophonocardiograph comprising low weight and	pulses to frequencies
small volume piezoelectric microphone with	[NASA-CASE-XLA-00670] C08 N71-12501
amplifier having high imput impedance for high	Describing continuous analog to digital
sensitivity and low frequency response [NASA-CASE-XFR-07172] c05 N71-27234	converter with parallel digital output and nonlinear feedback
[NASA-CASE-XFR-07172] c05 N71-27234 Digital data handling circuits for pulse	[NASA-CASE-XAC-04031] C08 N71-18594
amplifiers	Voltage drift compensation circuit for
[NASA-CASE-XNP-01068] c10 N71-28739	analog-to-digital converter [NASA-CASE-XNP-04780] c08 N71-19687
Active RC filter Networks and amplifiers for deep space magnetic field measurement	Development and characteristics of fluid
[NASA-CASE-XAC-05462-2] c10 N72-17171	oscillator analog to digital converter with
Active filter circuit comprising passive RC	variable frequency controlled by signal passing through conditioning circuit
network and dc voltage or operational amplifier [NASA-CASE-XAC-05462] c09 N72-20209	[NASA-CASE-LEW-10345-1] c10 N71-25899
Full wave modulator-demodulator amplifier	Data acquisition system for converting displayed
apparatus for generating rectified output	analog signal to digital values
signal [NASA-CASE-FRC-10072-1]	[NASA-CASE-NPO-10344] c10 N71-26544 Apparatus for automatically testing analog to
AMPLITUDE DISTRIBUTION ANALYSIS	digital converters for open and short circuits
Monitoring system for signal amplitude ranges	[NASA-CASE-XLA-06713] C14 N71-28991
over predetermined time interval	Wide range analog to digital converter with variable gain amplifier
[NASA-CASE-XMS-04061-1] CO9 N69-39885 Cathode ray oscilloscope for analyzing	[NASA-CASE-NPO-11018] COS N72+21200
electrical waveforms representing amplitude	Analog to digital converter using offset voltage
distribution of time function	to eliminate errors [NASA-CASE-MSC-13110-1] COS N72-22163
[NASA-CASE-XNP-01383] c09 N71-10659	[NASA-CASE-MSC-13110-1] COUNT2-22163 Analog to digital converter analyzing system
Analog to digital converter circuit for pulse height analysis	[NASA-CASE-NPO-10560] C08 N72-22165
[NASA-CASE-XNP-00477] c08 N73-28045	Control and information system for digital
AMPLITUDE MODULATION	telemetry data using analog converter to digitize sensed parameter values
Alternating current signal generator providing plurality of amplitude modulated output signals	[NASA-CASE-NPO-11016] C08 N72-31220
[NASA-CASE-XNP-05612] c09 N69-21468	Nonrecursive counting digital filter containing
Development of demodulation system for removing	shift register [NASA-CASE-NPO-11821-1]
amplitude modulation from two quadrature displaced data bearing signals	[NASA-CASE-NPO-11821-1] c08 N73-261/5 Analog to digital converter circuit for pulse
[NASA-CASE-NAC-04030] c10 N71-19472	height analysis
Development of apparatus for amplitude	[NASA-CASE-XNP-00477] C08 N73-28045
modulation of diode laser by periodic discharge of direct current power supply	AWALOGS Continuous Fourier transform method and apparatus

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[NASA-CASE-ARC-10466-1]	c08 N73-21199	flames
Mixed liquid and wapor phase analy	ver Assian	[NASA-CASE-XLE-00035] c33 N71-29151
with thermocouples for relative	heat transfer	Monopole antenna system for maximum
measurement	•	omnidirectional efficiency for use on satellite
[NASA-CASE-NPO-10691] Automated fluid chemical analyzer	c14 N71-26199	[NASA-CASE-XLA-00414] c07 N70~38200 Radio receiver with array of independently
microchemical analysis of small	quantities of	steerable antennas for deep space communication
liquids by use of selected reage	ents and	[NASA-CASE-XLA-00901] C07 N71-10775
analyzer units [NASA-CASE-XNP-09451]	c06 N71-26754	Characteristics of antenna horn feeds consisting of central horn with overlapping peripheral
Micrometeoroid analyzer using arra	ys of	horns
interconnected capacitors and ic	n detector	[NASA-CASE-GSC-10452] c07 N71-12396
[NASA-CASE-ARC-10443-1] AUBHOHETERS	c14 N73-20477	Tracking antenna system with array for synchronous satellite or ground based radar
Anemometer with braking mechanism	to prevent	[NASA-CASE-GSC-10553-1] c07 N71-19854
rotation of wind driven elements	;	Interferometric tuning acquisition and tracking
[NASA-CASE-XMF-05224] Maxometers for measuring peak wind	c14 N71-23726 Ispeeds Ancina	radar antenna system [NASA-CASE-XMS-09610] c07 N71-24625
severe environmental conditions		Development of electronic circuit for combining
[NASA-CASE-MFS-20916] ANGLES (GROHETRY)	c14 N73-25460	input signals on two separate antennas to form
Gage for measuring internal angle	of flare on	two processed signals [NASA-CASE-MSC-12205-1] c07 N71-27056
end of tube		Antenna array at focal plane of reflector with
[NASA-CASE-XMF-04415] Optical device containing rotatabl	c14 N71-24693	coupling network for beam switching [NASA-CASE-GSC-10220-1] c07 N71-27233
reflecting mirror for generating		Pattern and impedance matching improvements in
[NASA-CASE-XGS-04173]	c19 N71-26674	transversely polarized triaxial antenna
Rotating raster generator [NASA-CASE-FRC-10071-11	c07 N74-20813	[NASA-CASE-XGS-02290] c07 N71-28809 Planar array circularly polarized antenna with
ANGULAR ACCELERATION	VO, 1174 20015	wall slot excitation
Strain gage accelerometer for angu	lar	[NASA-CASE-NPO-10301] c07 N72-11148
acceleration measurement [NASA-CASE-XHS-05936]	c14 N70-41682	Vertically stacked collinear array of independently fed omnidirectional antennas for
ANGULAR CORRELATION		use in collision warning systems on commercial
Device for determining relative an of spacecraft and radiating cele		aircraft
	c14 N73-28490	[NASA-CASE-LAR-10545-1] c09 N72-21244 Circularly polarized antenna with linearly
ANGULAR HOHENTUM		polarized pair of elements
Stretch Yo-Yo mechanism for reduci spin rate of space vehicle	ng initial	[NASA-CASE-ERC-10214] c09 N72-31235 Development of phase control coupling for use
[NASA-CASE-NGS-00619]	c30 "N70-40016	with phased array antenna
ANGULAR RESOLUTION	1	[NASA-CASE-ERC-10285] c10 N73-16206
Characteristics and performance of system to determine angular rota		Plural beam antenna with parabolic reflectors [NASA-CASE-GSC-11013-1] c09 N73-19234
	c14 N70-33179	Position determination systems using orbital
ABGOLAR VELOCITY	1	antenna scan of celestial body
Describing angular position and we apparatus	locity sensing	[NASA-CASE-MSC-12593-1] c09 N74-14942 Amplitude steered array
[WASA-CASE-XGS-05680]	c14 N71-17585	[NASA-CASE-GSC-11446-1] c09 N74-20860
ANILISE Synthesis of high purity dianilino	cilane	ABTENNA COMPONENTS
	c06 N71-23230	Digital servocontroller for rotating antenna shaf [NASA-CASE-KSC-10769-1] c09 N73-27153
ANIGALS	·	ANTENNA DESIGN
Automatic real-time pair-feeding s animals	ystem for	Development and characteristics of low-noise multimode monopulse antenna feed system for
[NASA-CASE-AEC-10302-1]	c04 N74-15778	use with microwave communication equipment
ANNEALING	1- 4	[NASA-CASE-XNP-01735] CO7 N71-22750
Recovering efficiency of solar cel environmental radiation through		Nose cone mounted heat resistant antenna comprising plurality of adjacent layers of
annealing		silica not introducing paths of high thermal
[NASA-CASE-XGS-04047-2] ANNOLAR BOZZLES	c03 N72-11062	conductivity through ablative shield
Large area-ratio nozzles for rocke	t motor thrust	[NASA-CASE-XMS-04312] c07 N71-22984 Development of electronic circuit for combining
chambers	20 1174 25075	input signals on two separate antennas to form
[NASA-CASE-XLE-00145] Electrostatic microthrust propulsi	c28 N70-36806	two processed signals [NASA-CASE-MSC-12205-1] c07 N71-27056
annular slit colloid thrustor	on bybeem with	Development and characteristics of extensible
[NASA-CASE-GSC-10709-1]	c28 N71-25213	dipole antenna using deformable tubular
ARNOLAR PLATES Bluff-shaped annular configuration	for	<pre>petallic strip element [NASA-CASE-HQN-00937]</pre>
supersonic decelerator for reent	ry wehicles	Development of method for suppressing excitation
[NASA-CASE-XLE-00222]	c02 N70-37939	of electromagnetic surface waves on dielectric
ANODES Design and characteristics of heat	activated	converter antenna [NASA-CASE-XLA-10772] c07 N71~28980
electric cell with anode made fr		Target acquisition antenna feed with reflector
alkali metals and cathode made f material	rom oxidizing	System [NASA=CASR=CSC: 1006#-13
[NASA-CASE+LEB-11358]	c03 N71-26084	[NASA-CASE-GSC-10064-1] c10 N72-22235 Collapsible high gain antenna which can be
Coaxial anode for gas radiation co	unter for	automatically expanded to operating state
suppressing background ionization [NASA-CASE-GSC-11492-1]	n interference c14 N73-28497	[NASA-CASE-KSC-10392] c07 N73-26117 Dish antenna having switching beamwidth with
Storage battery comprising negative	e plates of a	truncated concave ellipsoid subreflector
<pre>vedge shaped configuration for shape change induced malfunction</pre>		[NASA-CASE-GSC-11760-1] c09 N73-32116
[NASA-CASE-NPO-11806-1]	c03 N74-19693	ANTERNA FREDS Design and operation of multi-feed cone
ANODIC COATINGS		Cassegrain antenna
Anodizing method for providing meta with temperature reducing coating		[NASA-CASE-NFO~10539] c07 N71~11285
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Characteristics of antenna horn feeds consisting	Electron microscope and method of making annular
of central horn with overlapping peripheral	objective aperture
horns	[NASA-CASE-ARC-10448-1] c14 N72-21421
f NASA-CASE-GSC-10452] C07 N71-12396	Apparatus for on-film optical recording of
Target acquisition antenna feed with reflector	camera lens aperture and focus setting
system	[NASA-CASE-MSC-12363-1] c14 N73-26431
[NASA-CASE-GSC-10064-1] c10 N72-22235	Electron microscope aperture system
Hultimode antenna feed system for microwave and	[NASA-CASE-ARC-10448-2] c14 N74-12190
broadband communication	Riectron microscope aperture system
[NASA-CASE-GSC-11046-1] c07 N73-28013	[NASA-CASE-ARC-10448-3] c14 N74-12191
Low loss dichroic plate	Method of making an apertured casting
[NASA-CASE-NPO-13171-1] c07 N74-11000	[NASA-CASE-LEW-11169-1] c15 N74-18131
High efficiency multifrequency feed	APOLLO PROJECT Intra- and extravehicular life support space
[NASA-CASE-GSC-113173] c09 N74-20863	suite for Apollo astronauts
ANTENNA RADIATION PATTERNS	[NASA-CASE-MSC-12609-1] c05 N73-32012
Broadband chokes and absorbers to reduce	APOLLO SPACECRAFT
spurious radiation patterns of antenna array	Low onset rate energy absorber in form of strut
caused by support structures [NASA-CASE-XMS-05303] c07 N69-27462	assembly for crew couch of Apollo command module
Multiple mode horn antenna with radiation	[NASA-CASE-MSC-12279-1] c15 N70-35679
pattern of equal beamwidths and suppressed	Energy absorbing crew couch strut for Apollo
sidelobes	command module
[NASA-CASE-XNP-01057] c07 N71-15907	[NASA-CASE-MSC-12279] c15 N72-17450
Monopulse scanning network for scanning	APPLICATIONS OF MATHEMATICS
volumetric antenna pattern	Apparatus for computing square roots
[NASA-CASE-GSC-10299-1] c09 N71-24804	[NASA-CASE-XGS-04768] c08 N71-19437
High impact antennas with high radiating	APPLICATIONS TECHNOLOGY SATELLITES
efficiency	Doppler frequency shift correction device for
[NASA-CASE-NPO-10231] c07 N71-26101	multiplex communication with Applications
Pattern and impedance matching improvements in	Technology Satellites
transversely polarized triaxial antenna	[NASA-CASE-XGS-02749] c07 869-39978
[NASA-CASE-XGS-02290] c07 N71-28809	AQUBOUS SOLUTIONS
Dielectric loaded aperture antenna with	Fuel system for thermal nuclear reactor which
directive radiation pattern from waveguide	uses inorganic ion exchanger
[NASA-CASE-LAR-11084-1] c09 N73-12216	[NASA-CASE-LEW-11645-2] c22 N73-28660
System for locating lightning strokes by	ARC DISCHARGES
coordination of directional antenna signals [NASA-CASK-KSC-10729-1] c09 N73-32110	Development of device to prevent high voltage arcing in electron beam welding
fair and man to the figure of the first of t	[NASA-CASE-XMP-08522] c15 N71-19486
ANTENNAS Antenna design with self erecting mesh reflector	Direct current powered self repeating plasma
[NASA-CASE-XGS-09190] c31 N71-16102	accelerator with interconnected annular and
High impact antennas with high radiating	linear discharge channels
efficiency	[NASA-CASE-XLA-03103] c25 N71-21693
[NASA-CASE-NPO-10231] c07 h71-26101	Method and apparatus for nondestructive testing
Collapsible antenna boom and coaxial	using high frequency arc discharges
transmission line having inflatable inner tube	[NASA-CASE-MFS-21233-1] c23 N74-15395
[NASA-CASE-MFS-20068] c07 k71-27191	ARC HEATING
Conical reflector antenna with feed	Magnetically diffused radial electric arc heater
approximating line source	[NASA-CASE-XLA-00330] c33 N70-34540
[NASA-CASE-NPO-10303] c07 N72-22127	Electric arc device for minimizing electrode
ANTIPRICTION BEARINGS	ablation and heating gases to supersonic or
Development of hybrid bearing lubrication system	bypersonic wind tunnel temperatures [NASA-CASE-XAC-00319] c25 N70-41628
with combination of standard type lubrication	
and magnetic flux field for earth atmosphere and space environment operation	ARC JET ENGINES Improving preformance of magnetoplasmadynamic
[NASA-CASE-XNP-01641] c15 N71-22997	arc rocket engine
Development of rolling element bearing for	[NASA-CASE-LEW-11180-1] c25 N73-25760
operation in ultrahigh vacuum environment	ARC LAMPS
[NASA-CASE-XLE-09527-2] c15 N71-26189	Starting circuit design for initiating and
Development of optical system for detecting	maintaining arcs in vapor lamps
defective components in rotating machinery	[NASA-CASE-INP-01058] C09 N71-12540
with emphasis on bearing assemblies	ARC WELDING
[NASA-CASE-KSC-10752-1] G15 N73-27407	Emission spectroscopy method for contamination
Fatigue life of hybrid antifriction bearings at	monitoring of inert gas metal arc welding
ultrahigh speeds	[NASA-CASE-XMF-02039] c15 N71-15871
[NASA-CASE-LEW-11152-1] c15 N73-32359	Automatic closed circuit television arc guidance
Hollow high strength rolling elements for	control for welding joints
antifriction bearings fabricated from	[NASA-CASE-MPS-13046] c07 N71-19433
preformed components	Development of device to prevent high voltage
[NASA-CASE-LEW-11026-1] c15 N73-33383	arcing in electron beam welding
Chemical synthesis of formaldehyde based	[NASA-CASE-XHF-08522] c15 N71-19486
disinfectants without penetrating odor and eye	Development of apparatus for automatically changing carriage speed of welding machine to
and ear irritation properties	obtain constant speed of torch along work
[NASA-CASE-NPO-12115-1] c06 N73-17153	surface
ANVILS	[NASA-CASE-XMF-07069] c15 N71-23815
Exponential horn, copper plate, magnetic hammer,	ARCHITECTURE
and anvil in apparatus for making diamonds	Development of construction block in form of
[NASA-CASE-MFS-20698] c15 N72-20446	container folded from flat sheet and filled
APERTURES	with solid material for architectural purposes
Apertured electrode focusing system for ion	[NASA-CASE-MSC-12233-2] c32 N73-13921
Sources with nonuniform plasma density	ARE (ANATORY)
[NASA-CASE-XNP-03332] c09 N71-10618	Orthotic arm joint for manipulating objects
Threadless fastener apparatus comprising- receiving apertures for plurality of articles,	in response to electrical signals [NASA-CASE-MFS-21611-1] C05 N74-10100
self-locked condition, and capable of using	[NASA-CASE-MFS-21611-1] c05 N74-10100 ARMATURES
nonmalleable materials in both ends	Design and development of electric motor with
[NASA-CASE-XFR-05302] c15 N71-23254	stationary field and armature windings which
	operates on direct current

[NASA-CASE-XGS-05290] c09 N71-25999	5 W1 C1 C1 CT THE OFFICE C
Sclenoid valve including guide for armature and	[NASA-CASE-INS-05304] c05 N71-12336
Valve member	Space environmental work simulator with portions
[NASA-CASE-GSC-10607-1] c15 N72-20442	of space suit mounted to wacuum chamber wall
Direct current motor including stationary field	[NASA-CASE-XHF-07488] c11 N71-18773 Lightweight propulsion unit for movement of
windings and stationary areature winding	personnel and equipment across lunar surface
L WASA-CASE-XGS-078051 c15 N72-33476	[NASA-CASE-HFS-20130] c28 N71-27585
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Ultraviolet and thermally stable polymer	Gravity environment simulation by locomotion and
compositions poly/(diarylsiloxy)/arylazines	restraint aid for studying manual operation
LNASA-CASE-ARC-10592-21 c06 N74-11926	performance of astronauts at zero gravity
Archatic polyimide preparation with low	[NASA-CASE-AEC-10153] c05 N71-28619
softening temperatures	ASTRONAUT TRAINING
[NASA-CASE-LAR-11372-1] c06 N74-19772	Attitude control training device for astronauts
Ultraviolet and thermally stable polymer	permitting friction-free movement with five
compositions	degrees of freedom
[NASA-CASE-ARC-10592-1] c18 N74-21156 ARTERIES	[NASA-CASE-XHS-02977] c11 N71-10746
	Low and zero gravity simulator for astronaut
Transducer for converting arterial pulse wave	training
Into electric signals	[NASA-CASE-MPS-10555] c11 N71-19494
[NASA-CASE-GSC-11531-1] G05 N73-11097 ARTIFICIAL CLOUDS	Apparatus for training astronaut cress to
Chemical arches for malarate bustons	perform on simulated lunar surface under
Chemical system for releasing barium to create	conditions of lunar gravity
ion clouds in upper atmosphere and interplanetary space	[NASA-CASE-INS-04798] c11 N71-21474
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[NASA-CASE-LAR-10670-1] c06 N73-30097 ARTIFICIAL GRAVITY	Three transceiver lunar energency system to
Artificial gravity system for simulating	relay voice communication of astronaut
self-locomotion capability of astronauts in	[NASA-CASE-HFS-21042] c07 H72-25171
totating environments	Banual actuator for spacecraft exercising
[NASA-CASE-XLA-03127] c11 N71-10776	nachines
Development of method for producing artificial	[NASA-CASE-MPS-21481-1] c15 N74-18127 ASTRONAVIGATION
gravity in manned spacecraft	
[NASA-CASE-XNP-02595] c31 N71-21881	Guidance analyzer having suspended spacecraft simulating sphere for astronavigation
Spacecraft with artificial gravity and earthlike	
atmosphere	[NASA-CASE-XNP-09572] c14 N71-15621 ASTROBORICAL PHOTOGRAPHY
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ARTIPICIAL SATELLITES	sky area
Gravity gradient attitude control system with	[NASA-CASE-LAR-10226-1] c14 N73-19419
gravity gradiometer and reaction wheels for	ASTRONOMICAL TELESCOPES
artificial satellite attitude control	Light sensitive control system for automatically
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Method for producing asbestos matrix suitable	telescope
for use in fuel cell or electrolysis cell	[NASA-CASE-ESC-10966] c14 N71-19568
[NASA-CASE-HSC-12568-1] c18 N73-16577	Laser beam projector for continuous, precise
ASPECT RATIO	alignment between target, laser generator, and
Variable aspect ratio and variable sweep delta	astronomical telescope during tracking [WASA-CASE-NPO-11087] c23 N71-29125
wing planforms for supersonic aircraft	[MASA-CASE-NPO-11087] c23 N71-29125 Star image motion compensator using telescope
[NASA-CASE-XLA-00221] c02 N70-33266	for maintaining fixed images
Supersonic aircraft configuration providing for	[NASA-CASE-LAR-10523-1] C14 N72-22444
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[NASA-CASE-XLA-00166] c02 N70-34178	Design and development of two types of
Supersonic aircraft variable sueep wing planform	atmosphere sampling chambers
for varying aspect ratio	[NASA-CASE-NPO-11373] c13 N72-25323
[NASA-CASE-XLA-00350] c02 N70-38011	Development and operation of apparatus for
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Hultiple Belleville spring assembly with even load distribution	atmosphere
[NASA-CASE-XNP-00840] c15 N70-38225	[NASA-CASE-HQN-10037-1] c14 N73-27376
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and atmospheric attenuation and emission	attitude attitude
[NASA-CASE-ERC-10276] c14 N73-26432	[MASA-CASE-KAC-02405] C09 871-16
ATHOSPHERIC TURBULENCE	Thrust and attitude control apparatus using je
Passive optical wind and turbulence remote	nozzle in movable canard surface or fin
detection system	configuration [NASA-CASE-XLE-03583]
[NASA-CASE-XMP-14032] c20 X71-16340	
aTOMIZBBS	Attitude sensor with scanning mirrors for
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including turbine pump, cooling Chamber, and	respect to planet
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and a culture	sounding rocket stabilization during ballisti
Silicon carbide backward diode with coated lead	phase of flight
attachment	[NASA-CASE-IGS-01654] C31 N71-247
[NASA-CASE-ERC-10224-2] c09 N73-27150	Development of voice operated controller for
ATTRUCATORS	controlling reaction jets of spacecraft
Potary wane attenuator with two stators and	[NASA-CASE-XLA-04063] C31 N71-331
intermediary rotor, using resistive and	Attitude sensor rwasa-casr-lar-10586-11 c14 w74-150
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[NASA-CASE-NPO-11418-1] c14 N73-13420	Temperature compensated digital inertial sensor
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Visual target luminaires for retrofire attitude	unmanned spacecraft deviation from reference
control	attitude rwasa_casr_ymp=004381 c21 N70-350
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wehicles within or outside atmosphere	respectively perpendicular axes and capable o
(NASA-CASE-XFR-001811 C27 N70-33279	actuating signal generators for attitude
Sensing method and device for determining	control devices [NaSa-Case-YMS-07487] c15 N71-232
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rnasa-case-ygs-004661 c21 N70-34297	indicating instrument for use in aircraft or
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[NASA-CASE-XNP-00465] C21 N70-35395	[***** **** **** ***
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rnasa-case-xnp-002941 c21 N/0-36938	vehicles by using rate gyroscope and angular
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[NASA-CASE-XLA-00281] c21 N70-36943	wehicle with respect to trajectory
Automatic ejection valve for attitude control	[NASA-CASE-ARC-10134] c30 N72-17
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(NASA-CASE-XNP-00676) c15 N70-38996	star tracker optical axis calibrating roll,
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System for aerodynamic control of rocket	elimination at low amplitude audio input
vehicles by secondary injection of fluid into	r wasa_case_usc=12223+11
nozzle exhaust stream	Audio equipment for removing impulse noise fro
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opening and closing dome of solar optical	[MASA-CASE-KSC-10393] c09 N72-21247 Self-tuning electronic filter for maintaining
telescope	constant bandwidth and center frequency gain
[NASA-CASE-HSC-10966] c14 N71-19568	[NASA-CASE-ARC-10264-1] CO9 N73-20231
Helding torch with automatic speed controller	AUTOHATIC GAIR COUTROL
using speed sensing wheel and closed servo	Automatic gain control amplifier system
system [NASA-CASE-XEF-01730] c15 N71-23050	[MASA-CASE-INS-05307] c09 N69-24330 Automatic measuring and recording of gain and
Microwave waveguide switch with rotor position	zero drift characteristics of electronic
control	amplifier
[NASA-CASE-XNP-06507] c09 N71-23548	[NASA-CASE-XHS-05562-1] c09 N69-39986
Automatically reciprocating, high pressure pump	Self-tuning electronic filter for maintaining
for use in spacecraft cryogenic propellants [NASA-CASE-XNP-04731] c15 N71-24042	constant bandwidth and center frequency gain [NASA-CASE-ARC-10264-1] c09 N73-20231
Automatic controlled thermal fatigue testing	AUTOBATIC TEST ROUIPHENT
apparatus	Air conditioning system and automatic
[NASA-CASE-XLA-02059] c33 N71-24276	distribution device for distributing air flow
Automatically charging battery of electric storage cells	from opposite directions in supply duct
[NASA-CASE-XNP-04758] c03 N71-24605	[NASA-CASE-GSC-11445-1] c15 N72-28503 Automated visual sensitivity tester for
Rectric motor control system with pulse width	determining visual field sensitivity and blind
modulation for providing automatic null	spot size
seeking servo	[WASA-CASE-ARC-10329-1] c05 N73-26072
[NASA-CASE-XHF-05195] c10 N71-24861 indexing mechanism for cathode array	Automatic microbial transfer device [NASA-CASE-LAR-11354-1] c14 N74-10422
substitution in electron beam tube	[NASA-CASE-LAR-11354-1] c14 N74-10422 AUTOHOBILES
[NASA-CASB-NPO-10625] c09 N71-26182	Combined shoulder harness and lap belt restraint
oltage range selection apparatus for sensing	system for use in aircraft or automobiles
and applying voltages to electronic	[NASA-CASE-ARC-10519-1] c05 N72-31117
instruments without loading signal source [NASA-CASE-XHS-06497] c14 N71-26244	AMES (REFERENCE LINES)
utonated fluid chemical analyzer for	Test fixture for measuring moment of inertia of irregularly shaped body with multiple axes
nicrochemical analysis of small quantities of	[NASA-CASE-XGS-01023] c14 N71-22992
liquids by use of selected reagents and	Mechanism for restraining universal joints to
analyzer units	prevent separation while allowing bending,
[NASA-CASE-XNP-09451] c06 N71-26754 utonatic control device for regulating inlet	angulation, and lateral offset in any position
water temperature of liquid cooled spacesuit	about axis [NASA-CASE-XMP-02278] c15 N71-28951
[MASA-CASE-ESC-13917-1] c05 N72-15098	[NASA-CASE-INP-02278] c15 N71-28951 AIRS OF ROTATION
ptimal control system for automatic speed	Unitary three-axis controller for flight
regulation of electric driven motor vehicle	webicles within or outside atmosphere
[NASA-CASE-NPO-11210] c11 N72-20244	[NASA-CASE-XFR-00181] c21 N70-33279
lotter device for automatically drawing	Proportional controller for regulating aircraft or spacecraft motion about three axes
equipotential lines on sheet of resistance paper [WASA-CASE-MPO-11134] c09 M72-21246	[MASA-CASE-XAC-03392] C03 M70-41954
[HASA-CASE-HPO-11134] c09 N72-21246	Electrical and electromechanical trigonometric
utomatic shunting of ion thrustor magnetic	computation assembly and space vehicle
field when thrustor is not operating	guidance system for aligning perpendicular
[NASA-CASE-LEH-10835-1] c28 N72-22771	axes of two sets of three-axes coordinate
Automated system for monitoring oxidative	references [NASA-CASE-XHP-00684] c21 N71-21688
netabolites of aromatic amines	Hand controller operable about three
[HASA-CASE-ABC-10469-1] c06 N72-31145	respectively perpendicular axes and capable of
utomatic temperature control for liquid cooled	actuating signal generators for attitude
space suit	Control devices
[NASA-CASE-ARC-10599-1] c05 N73-26071	[NASA-CASE-XHS-07487] c15 M71-23255 Journal bearings
	[NASA-CASE-LEH-11076-4] c15 N74-18134
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AXIAL COMPRESSION LOADS	BAGS
Development and characteristics of device for	Fecal waste disposal container
indicating and recording magnitude of force	[NASA-CASE-XMS-06761] c05 m69-23192
applied in axial direction twosh-case-asc-15626-11 c14 N72-25411	BALLANCE Thermoprotective device for balances
FROM ORDS and invest 11	[NASA-CASE-XAC-00648] C14 H70-40400
AXIAL PLOW TURBIESS Bultistage multiple reentry axial flow reaction	BALABCING
turbine with reverse flow reentry ducting	Automatic balancing device for use on
[NASA-CASE-ILB-00170] C15 N70-36412	frictionless supported attitude-controlled
Bultistage, multiple reentry, single rotor,	test platforms
axial flow turbine [NaSh-cash-XLR-00085] c28 N70-39895	[NASA-CASE-LAR-10774] c10 M71-13545 Force balanced throttle valve for fuel control
[MIDE 0202 422]	in rocket engines
AXIAL LOADS Ball locking device which releases in response	[NASA-CASE-NPO-10808] c15 N71-27432
to small forces when subjected to high axial	Static force balancing system attached to
loads	lifting body
[HASA-CASE-IMF-01371] c15 H70-41829	[NASA-CASE-LAR-10348-1] c11 N73-12264
AZIHOTH	BALL BEARINGS Combination guide and rotary bearing for freely
Tracking mount for laser telescope employed in tracking large rockets and space vehicles to	nowing shaft
give information regarding azimuth and elevation	[NASA-CASE-XLA-00013] c15 H71-29136
[NASA-CASE-MFS-14017] c14 M71-26627	Method for reducing mass of ball bearings for
Long range laser traversing system	long life operation at high speed
[NASA-CASE-GSC-11262-1] c16 H74-21091	[NASA-CASE-LEW-10856-1] c15 B72-22490 Low mass rolling element bearing assembly
AZIMES Service of raine polymers for best shields by	[NASA-CASE-LEW-11087-1] c15 N73-30458
Synthesis of azine polymers for heat shields by azine-aromatic aldehyde reaction	Drilled ball bearing with a one piece
[NASA-CASE-XNF-08656] C06 N71-11242	anti-tipping cage assembly
Ultraviolet and thermally stable polymer	[NASA-CASE-LEW-11925-1] c15 N74-18133
compositions poly/(diarylsiloxy)/arylazines	Hollow rolling element bearings
[NASA-CASE-ARC-10592-2] c06 N74-11926	[NASA-CASE-LEW-11087-3] c15 N74-21064
Ultraviolet and thermally stable polymer	BALLAST (MASS) Inflatable stabilizing system for use on life
compositions [NASA-CASE-ARC-10592-1] c18 N74-21156	raft to reduce rocking and preclude capsizing
AZO COMPOUEDS	[NASA-CASE-MSC-12393-1] c02 N73-26006
Molding process for imidazopyrrolone polymers	BALLASTS (IMPEDANCES)
[NASA-CASE-LAR-10547-1] c15 N74-13177	Apparatus for ballasting high frequency
	transistors (NASA-CASE-IGS-05003) c09 N69-24318
В	[NASA-CASE-IGS-05003:] C09 N69-24318 BALLISTICS
BACKGROUND NOISE	Fiber modified polyurethame foam for ballistic
Electronic background suppression field scanning	protection
sensor for detecting point source targets	[NASA-CASE-ARC-10714-1] c18 N74-11366
[NASA-CASE-XGS-05211] c07 X69-39980	BALLOOMS
BACKSCATTERING.	Development and characteristics of hot air
**************************************	hallaan daaalamakian and rocamory eyekom
Apparatus for measuring backscatter and	balloon deceleration and recovery system [NASA-CASE-XLA-06824-2] c02 N71-11037
transmission characteristics of sample segment	[MASA-CASE-XLA-06824-2] c02 M71-11037
	[BASA-CASE-XLA-06824-2] c02 B71-11037 Inflation system for balloon type satellites [NASA-CASE-KGS-03351] c31 B71-16081
transmission characteristics of sauple segment of large spherical passive satellites [NASA-CASE-XGS-02608] c07 N70-41678 Mossbauer spectrometer radiation detector	[MASA-CASE-XLA-06824-2] c02 N71-11037 Inflation system for balloon type satellites [NASA-CASE-XGS-03351] c31 N71-16081 Development of Mylar enclosure for maintaining
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608]	[MASA-CASE-XLA-06824-2] c02 N71-11037 Inflation system for balloon type satellites [NASA-CASE-XGS-03351] c31 N71-16081 Development of Hylar enclosure for maintaining temperature of balloon-borne batteries and
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608] c07 N70-41678 Hossbauer spectrometer radiation detector [NASA-CASE-LAR-11155-1] c14 N74-15091 BACKUPS	[MASA-CASE-XLA-06824-2] c02 N71-11037 Inflation system for balloon type satellites [NASA-CASE-XGS-03351] c31 N71-16081 Development of Hylar enclosure for maintaining temperature of balloon-borne batteries and electronic modules
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608] c07 N70-41678 Mossbauer spectrometer radiation detector [NASA-CASE-LAR-11155-1] c14 N74-15091 BACKUPS Flexible backup bar for welding awkwardly shaped	[MASA-CASE-XLA-06824-2] c02 N71-11037 Inflation system for balloon type satellites [NASA-CASE-XGS-03351] c31 N71-16081 Development of Hylar enclosure for maintaining temperature of balloon-borne batteries and electronic modules [NASA-CASE-GSC-11620-1] c14 N72-33379
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608] c07 N70-41678 Hossbauer spectrometer radiation detector [NASA-CASE-LAR-11155-1] c14 N74-15091 BACKUPS	[MASA-CASE-XLA-06824-2] c02 N71-11037 Inflation system for balloon type satellites [NASA-CASE-XGS-03351] c31 N71-16081 Development of Hylar enclosure for maintaining temperature of balloon-borne batteries and electronic modules
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608]	[MASA-CASE-XLA-06824-2] c02 N71-11037 Inflation system for balloon type satellites [NASA-CASE-XGS-03351] c31 N71-16081 Development of Hylar enclosure for maintaining temperature of balloon-borne batteries and electronic modules [NASA-CASE-GSC-11620-1] c14 N72-33379 System for controlling torque buildup in suspension of gondola connected to balloon by parachute shroud lines
transmission characteristics of sauple segment of large spherical passive satellites [NASA-CASE-XGS-02608]	[MASA-CASE-XLA-06824-2] c02 N71-11037 Inflation system for balloon type satellites [NASA-CASE-XGS-03351] c31 N71-16081 Development of Hylar enclosure for maintaining temperature of balloon-borne batteries and electronic modules [NASA-CASE-GSC-11620-1] c14 N72-33379 System for controlling torque buildup in suspension of gondola connected to balloon by parachute shroud lines [NASA-CASE-GSC-11077-1] c02 N73-13008
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608]	[MASA-CASE-XLA-06824-2] c02 N71-11037 Inflation system for balloon type satellites [NASA-CASE-KGS-03351] c31 N71-16081 Development of Mylar enclosure for maintaining temperature of balloon-borne batteries and electronic modules [NASA-CASE-GSC-11620-1] c14 N72-33379 System for controlling torque buildup in suspension of gondola connected to balloon by parachute shroud lines [NASA-CASE-GSC-11077-1] c02 N73-13008 BALLS
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608]	[MASA-CASE-XLA-06824-2] c02 N71-11037 Inflation system for balloon type satellites [NASA-CASE-KGS-03351] c31 N71-16081 Development of Mylar enclosure for maintaining temperature of balloon-borne batteries and electronic modules [NASA-CASE-GSC-11620-1] c14 N72-33379 System for controlling torque buildup in suspension of gondola connected to balloon by parachute shroud lines [NASA-CASE-GSC-11077-1] c02 N73-13008 BALLS Two axis flight controller with potentiometer
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608] c07 N70-41678 Hossbauer spectrometer radiation detector [NASA-CASE-LAR-11155-1] c14 N74-15091 BACKUPS Flexible backup bar for welding awkwardly shaped structures [NASA-CASE-XMP-00722] c15 N70-40204 Reliable electrical element heater using plural wire system and backup power sources [NASA-CASE-MFS-21462-1] c09 N74-14935 BACTERIA Decontamination of petroleum products with honey	[MASA-CASE-XLA-06824-2] c02 N71-11037 Inflation system for balloon type satellites [NASA-CASE-KGS-03351] c31 N71-16081 Development of Hylar enclosure for maintaining temperature of balloon-borne batteries and electronic modules [MASA-CASE-GSC-11620-1] c14 N72-33379 System for controlling torque buildup in suspension of gondola connected to balloon by parachute shroud lines [NASA-CASE-GSC-11077-1] c02 N73-13008 BALLS Two axis flight controller with potentioneter control shafts directly coupled to rotatable
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608]	[MASA-CASE-XLA-06824-2] c02 N71-11037 Inflation system for balloon type satellites [NASA-CASE-KGS-03351] c31 N71-16081 Development of Mylar enclosure for maintaining temperature of balloon-borne batteries and electronic modules [NASA-CASE-GSC-11620-1] c14 N72-33379 System for controlling torque buildup in suspension of gondola connected to balloon by parachute shroud lines [NASA-CASE-GSC-11077-1] c02 N73-13008 BALLS Two axis flight controller with potentiometer
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608]	[MASA-CASE-XLA-06824-2] c02 N71-11037 Inflation system for balloon type satellites [NASA-CASE-KGS-03351] c31 N71-16081 Development of Mylar enclosure for maintaining temperature of balloon-borne batteries and electronic modules [NASA-CASE-GSC-11620-1] c14 N72-33379 System for controlling torque buildup in suspension of gondola connected to balloon by parachute shroud lines [NASA-CASE-GSC-11077-1] c02 N73-13008 BALLS Two axis flight controller with potentiometer control shafts directly coupled to rotatable ball members [MASA-CASE-XFR-04104] c03 N70-42073 BANDPASS FILTERS
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608]	[MASA-CASE-XLA-06824-2] c02 N71-11037 Inflation system for balloon type satellites [NASA-CASE-XGS-03351] c31 N71-16081 Development of Hylar enclosure for maintaining temperature of balloon-borne batteries and electronic modules [NASA-CASE-GSC-11620-1] c14 N72-33379 System for controlling torque buildup in suspension of gondola connected to balloon by parachute shroud lines [NASA-CASE-GSC-11077-1] c02 N73-13008 BALLS Two axis flight controller with potentiometer control shafts directly coupled to rotatable ball members [NASA-CASE-XFR-04104] c03 N70-42073 BANDPASS FILTERS Helical coaxial resonator RP filter
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608]	[MASA-CASE-XLA-06824-2] c02 N71-11037 Inflation system for balloon type satellites [NASA-CASE-XGS-03351] c31 N71-16081 Development of Mylar enclosure for maintaining temperature of balloon-borne batteries and electronic modules [NASA-CASE-GSC-11620-1] c14 N72-33379 System for controlling torque buildup in suspension of gondola connected to balloon by parachute shroud lines [NASA-CASE-GSC-11077-1] c02 N73-13008 BALLS Two axis flight controller with potentioneter control shafts directly coupled to rotatable ball members [MASA-CASE-XFR-04104] c03 N70-42073 BANDPASS FILTERS Helical coaxial resonator RF filter [NASA-CASE-IGS-02816] c07 N69-24323
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608]	[MASA-CASE-XLA-06824-2] c02 N71-11037 Inflation system for balloon type satellites [NASA-CASE-KGS-03351] c31 N71-16081 Development of Mylar enclosure for maintaining temperature of balloon-borne batteries and electronic modules [NASA-CASE-GSC-11620-1] c14 N72-33379 System for controlling torque buildup in suspension of gondola connected to balloon by parachute shroud lines [NASA-CASE-GSC-11077-1] c02 H73-13008 BALLS Two axis flight controller with potentiometer control shafts directly coupled to rotatable ball members [MASA-CASE-XFR-04104] c03 N70-42073 BANDPASS FILTERS Helical coaxial resonator RP filter [NASA-CASE-IGS-02816] c07 N69-24323 Phase locked demodulator with bandwidth
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608] C07 N70-41678 Mossbauer spectrometer radiation detector [NASA-CASE-LAR-11155-1] c14 N74-15091 BACKUPS Flexible backup bar for welding awkwardly shaped structures [NASA-CASE-XMP-00722] c15 N70-40204 Reliable electrical element heater using plural wire system and backup power sources [NASA-CASE-MFS-21462-1] c09 N74-14935 BACTERIA Decontamination of petroleum products with honey [NASA-CASE-XMP-03835] c06 N71-23499 Portable tester for monitoring bacterial contamination by adenosine triphosphate light reaction [NASA-CASE-GSC-10879-1] c14 H72-25413 Enzymatic luminescent bioassay method for determining bacterial levels in urine	[MASA-CASE-XLA-06824-2] c02 N71-11037 Inflation system for balloon type satellites [NASA-CASE-XGS-03351] c31 N71-16081 Development of Mylar enclosure for maintaining temperature of balloon-borne batteries and electronic modules [NASA-CASE-GSC-11620-1] c14 N72-33379 System for controlling torque buildup in suspension of gondola connected to balloon by parachute shroud lines [NASA-CASE-GSC-11077-1] c02 N73-13008 BALLS Two axis flight controller with potentiometer control shafts directly coupled to rotatable ball members [MASA-CASE-XFR-04104] c03 N70-42073 BANDPASS FILTERS Helical coaxial resonator RF filter [WASA-CASE-IGS-02816] c07 N69-24323 Phase locked demodulator with bandwidth switching amplifier circuit [NASA-CASE-XWP-01107] c10 N71-28859
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608]	[MASA-CASE-XLA-06824-2] c02 N71-11037 Inflation system for balloon type satellites [NASA-CASE-XGS-03351] c31 N71-16081 Development of Mylar enclosure for maintaining temperature of balloon-borne batteries and electronic modules [NASA-CASE-GSC-11620-1] c14 N72-33379 System for controlling torque buildup in suspension of gondola connected to balloon by parachute shroud lines [NASA-CASE-GSC-11077-1] c02 N73-13008 BALLS Two axis flight controller with potentiometer control shafts directly coupled to rotatable ball members [MASA-CASE-XFR-04104] c03 N70-42073 BANDPASS FILTERS Helical coaxial resonator RF filter [WASA-CASE-IGS-02816] c07 N69-24323 Phase locked demodulator with bandwidth switching amplifier circuit [NASA-CASE-XWP-01107] c10 N71-28859
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608]	[MASA-CASE-XLA-06824-2] c02 N71-11037 Inflation system for balloon type satellites [NASA-CASE-KGS-03351] c31 N71-16081 Development of Mylar enclosure for maintaining temperature of balloon-borne batteries and electronic modules [NASA-CASE-GSC-11620-1] c14 N72-33379 System for controlling torque buildup in suspension of gondola connected to balloon by parachute shroud lines [NASA-CASE-GSC-11077-1] c02 H73-13008 BALLS Two axis flight controller with potentioneter control shafts directly coupled to rotatable ball members [MASA-CASE-XFR-04104] c03 N70-42073 BANDPASS FILTERS Helical coaxial resonator RP filter [NASA-CASE-XFR-02104] c07 N69-24323 Phase locked demodulator with bandwidth switching amplifier circuit [NASA-CASE-XNP-01107] c10 N71-28859 Signal to noise ratio determination circuit using bandpass limiter
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608]	[MASA-CASE-XLA-06824-2] c02 N71-11037 Inflation system for balloon type satellites [NASA-CASE-XGS-03351] c31 N71-16081 Development of Hylar enclosure for maintaining temperature of balloon-borne batteries and electronic modules [NASA-CASE-GSC-11620-1] c14 N72-33379 System for controlling torque buildup in suspension of gondola connected to balloon by parachute shroud lines [NASA-CASE-GSC-11077-1] c02 N73-13008 BALLS Two axis flight controller with potentiometer control shafts directly coupled to rotatable ball members [HASA-CASE-XFR-04104] c03 N70-42073 BANDPASS FIITERS Helical coaxial resonator RF filter [NASA-CASE-IGS-02816] c07 N69-24323 Phase locked demodulator with bandwidth switching amplifier circuit [NASA-CASE-XNP-01107] c10 N71-28859 Signal to noise ratio determination circuit using bandpass limiter [NASA-CASE-SCSC-11239-1] c10 N73-25241
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608]	[MASA-CASE-XLA-06824-2] c02 N71-11037 Inflation system for balloon type satellites [NASA-CASE-XGS-03351] c31 N71-16081 Development of Mylar enclosure for maintaining temperature of balloon-borne batteries and electronic modules [NASA-CASE-GSC-11620-1] c14 N72-33379 System for controlling torque buildup in suspension of gondola connected to balloon by parachute shroud lines [NASA-CASE-GSC-11077-1] c02 N73-13008 BALLS Two axis flight controller with potentiometer control shafts directly coupled to rotatable ball members [MASA-CASE-XFR-04104] c03 N70-42073 BANDPASS FILTERS Helical coaxial resonator RF filter [WASA-CASE-IGS-02816] c07 N69-24323 Phase locked demodulator with bandwidth switching amplifier circuit [NASA-CASE-INP-01107] c10 N71-28859 Signal to noise ratio determination circuit using bandpass limiter [NASA-CASE-GSC-11239-1] c10 N73-25241 Selective bandpass resonators using bandstop
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608]	[MASA-CASE-XLA-06824-2] c02 N71-11037 Inflation system for balloon type satellites [MASA-CASE-XGS-03351] c31 N71-16081 Development of Mylar enclosure for maintaining temperature of balloon-borne batteries and electronic modules [MASA-CASE-GSC-11620-1] c14 N72-33379 System for controlling torque buildup in suspension of gondola connected to balloon by parachute shroud lines [NASA-CASE-GSC-11077-1] c02 N73-13008 BALLS Two axis flight controller with potentioneter control shafts directly coupled to rotatable ball members [MASA-CASE-XFR-04104] c03 N70-42073 BANDPASS FILTERS Helical coaxial resonator RF filter [NASA-CASE-XFR-04104] c07 N69-24323 Phase locked demodulator with bandwidth switching amplifier circuit [NASA-CASE-XPP-01107] c10 N71-28859 Signal to noise ratio determination circuit using bandpass limiter [NASA-CASE-GSC-11239-1] c10 N73-25241 Selective bandpass resonators using bandstop resonator pairs for microwave frequency
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608]	[MASA-CASE-XLA-06824-2]
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608]	[MASA-CASE-XLA-06824-2]
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608]	[MASA-CASE-XLA-06824-2] c02 N71-11037 Inflation system for balloon type satellites [MASA-CASE-XGS-03351] c31 N71-16081 Development of Mylar enclosure for maintaining temperature of balloon-borne batteries and electronic modules [MASA-CASE-GSC-11620-1] c14 N72-33379 System for controlling torque buildup in suspension of gondola connected to balloon by parachute shroud lines [NASA-CASE-GSC-11077-1] c02 N73-13008 BALLS Two axis flight controller with potentioneter control shafts directly coupled to rotatable ball members [MASA-CASE-XFR-04104] c03 N70-42073 BANDPASS FILTERS Helical coaxial resonator RF filter [NASA-CASE-XFR-04104] c07 N69-24323 Phase locked demodulator with bandwidth switching amplifier circuit [NASA-CASE-INP-01107] c10 N71-28859 Signal to noise ratio determination circuit using bandpass limiter [NASA-CASE-GSC-11239-1] c10 N73-25241 Selective bandpass resonators using handstop resonator pairs for microwave frequency operation [NASA-CASE-GSC-10990-1] c09 N73-26195 BANDWIDTH Improvements in receiver of harrow bandwidth
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608]	[MASA-CASE-XLA-06824-2] c02 N71-11037 Inflation system for balloon type satellites [NASA-CASE-XGS-03351] c31 N71-16081 Development of Hylar enclosure for maintaining temperature of balloon-borne batteries and electronic modules [NASA-CASE-GSC-11620-1] c14 N72-33379 System for controlling torque buildup in suspension of gondola connected to balloon by parachute shroud lines [NASA-CASE-GSC-11077-1] c02 N73-13008 BALLS Two axis flight controller with potentiometer control shafts directly coupled to rotatable ball members [MASA-CASE-XFR-04104] c03 N70-42073 BANDPASS FILTERS Helical coaxial resonator RP filter [NASA-CASE-IGS-02816] c07 N69-24323 Phase locked demodulator with bandwidth switching amplifier circuit [NASA-CASE-XNP-01107] c10 N71-28859 Signal to noise ratio determination circuit using bandpass limiter [NASA-CASE-GSC-11239-1] c10 N73-25241 Selective bandpass resonators using bandstop resonator pairs for microwave frequency operation [NASA-CASE-GSC-10990-1] c09 N73-26195 BANDWIDTH Improvements in receiver of narrow bandwidth television system
transmission characteristics of sample segment of large spherical passive satellites [MASA-CASE-XGS-02608]	[MASA-CASE-XLA-06824-2]
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608]	[MASA-CASE-XLA-06824-2]
transmission characteristics of sample segment of large spherical passive satellites [MASA-CASE-XGS-02608]	[MASA-CASE-XLA-06824-2]
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608]	[MASA-CASE-XLA-06824-2]
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-XGS-02608]	[MASA-CASE-XLA-06824-2]
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-KGS-02608]	[MASA-CASE-XLA-06824-2] c02 N71-11037 Inflation system for balloon type satellites [NASA-CASE-XGS-03351] c31 N71-16081 Development of Hylar enclosure for maintaining temperature of balloon-borne batteries and electronic modules [NASA-CASE-GSC-11620-1] c14 N72-33379 System for controlling torque buildup in suspension of gondola connected to balloon by parachute shroud lines [NASA-CASE-GSC-11077-1] c02 N73-13008 BALLS Two axis flight controller with potentiometer control shafts directly coupled to rotatable ball members [MASA-CASE-XFR-04104] c03 N70-42073 BANDPASS FILTERS Helical coaxial resonator RP filter [NASA-CASE-XFR-04104] c07 N69-24323 Phase locked demodulator with bandwidth switching amplifier circuit [NASA-CASE-XNP-01107] c10 N71-28859 Signal to moise ratio determination circuit using bandpass limiter [NASA-CASE-GSC-11239-1] c10 N73-25241 Selective bandpass resonators using bandstop resonator pairs for microwave frequency operation [NASA-CASE-GSC-10990-1] c09 N73-26195 BANDWIDTH Improvements in receiver of narrow bandwidth television system [NASA-CASE-XNS-06740-1] c07 N71-26579 Self-tuning electronic filter for maintaining constant bandwidth and center frequency gain [NASA-CASE-ARC-10264-1] c09 N73-20231 BARIOM Chemical release system for barium free atoms and barium ions
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-IGS-02608]	[MASA-CASE-XLA-06824-2]
transmission characteristics of sample segment of large spherical passive satellites [NASA-CASE-KGS-02608]	[MASA-CASE-XLA-06824-2]

[HASA-CASE-LAR-10670-1]	c06 N73-30097	BEARING (DIRECTION)	
BARIUM CORPOUNDS Improved cathode containing barium of	arhonata	Light radiation direction indicate	r with baffle
brock and heated tungsten screen f	or electron	of two parallel grids [NASA-CASE-XNP-03930]	c14 N69-24331
Thursday and thrustor		Solar radiation direction detector	and device
BARIUS PLUORIDES	c06 N69-39889	for compensating degradation of [NASA-CASE-XLA-00183]	photocells c14 N70-40239
Production of barium fluoride-calciu	m fluoride	Hichelson interferometer with phot	odetector for
composite lubricant for bearings of NASA-CASE-NLE-08511-2]	r seals c18 N71-16105	optical direction sensing	
BARIUS TITANATES		[NASA-CASE-NPO-10320] Omnidirectional liquid filled acce	c14 N71-17655
Hemory device employing semiconductor ferroelectric properties of single	r and	design with liquid and housing t	emperature
Darium titanate	, or incur	compensation [NASA-CASE-HQN-10780]	c14 N71-30265
[NASA-CASE-ERC-10307] Barridrs	c08 N72-21198	BEARINGS	
Short range laser obstacle detector	for	Metal alloy bearing materials for applications	space
Surface Vehicles using laser diode	array	[NASA-CASE-XLE-05033]	c15 N71-23810
BASES (CHEHICAL)	c16 N74-15145	Low friction bearing and lock mech two-axis gimbal carrying satelli	anism for to navload
Low concentration alkaline solution	treatment of	[NASA-CASE-GSC-10556-1]	c31 N71-26537
aluminum with metal phosphate surf to improve chemical bonding and re	duce coatings	Magnetic bearing with diverse magn coupled to same air gap wia diff	etic sources
Beight		magnetic reluctance paths for us	e with
DAYTERY CHANGERS	c18 N71-23047	permanent magnets [NASA-CASE-GSC-11079-1]	-24 974 20464
Battery charging system with cell to	cell	Measuring device for bearing prelo	c21 N71-28461 ad using
voltage balance [NASA-CASE-XGS-05432]	c03 N71-19438	spring washers	
Alkaline-type coulometer cell for pr	imary charge	[NASA-CASE-MPS-20434] Axially and radially controllable:	c11 N72-25288 magnetic bearing
control in secondary battery recha	rge circuits c03 N71-20491	[NASA-CASE-GSC-11551-1]	c15 N74-18132
Development and characteristics of b	atterv	BEDS (PROCESS ENGINEERING) Catalyst bed element removing tool	
charging circuits with coulometer of available current	for control	[NASA-CASE-XFR-00811]	c15 N70-36901
[NASA-CASE-GSC-10487-1]	c03 N71-24719	BBER LAU Bultichannel photoionization chambe	or for
BAYARD-ALPERT IQUIZATION GAGES		measuring absorption, photoioniza	st for stion yield,
Describing hot filament type Bayard- ionization gage with ion collector	Alpert buried or	and coefficients of gases	
removed from grid structure		[NASA-CASE-ERC-10044-1] BBBS	c14 N71-27090
[NASA-CASE-XLA-07424]	c14 N71-18482	Decontamination of petroleum produc	
Rotary bead dropper and selector for	testing	[NASA-CASE-XNP-03835] BELLOBS	c06 N71-23499
Bicrometeorite transducers [NASA-CASE-KGS-03304]	09 N71-22988	Compact bellows spirometer for high	speed and
BEAH LEADS		high altitude space travel [NASA-CASE-XAR-01547]	c05 N69-21473
Integrated circuit package with lead and method of preparing the same	structure	Electrical connection for printed of	ircuits on
[NASA-CASE-HFS-21374-1]	:10 N74-12951	common board, using bellows princ [NASA-CASE-XNP-05082]	iple in rivet c15 N70-41960
Ontical range finder using motioation	. #:	Flexible bellows joint shielding sl	leeve for
Optical range finder using reflective surfaces mirror and transmitting be	e mrst eam splitter	propellant transfer pipelines [NASA-CASB-XNP-01855]	
[NASA-CASE-HSC-12105-1]	:14 N72-21409	BRLTS	c15 N71-28937
Laser system with an antiresonant opt optical properties and performs	ical ring	Apparatus for manufacturing polyest [NASA-CASE-NPO-13205-1]	
splitter with equal transmission as	10	BENDING	c15 N73-31442
reflection coefficients [NASA-CASE-HQN-10844-1]	:16 N74-20118	Method and apparatus for bowing of	instrument
BRAH SHITCHING		panels to improve radio frequency enclosure	shlelded
Using electron beam switching for bru motor commutation	ishless	[NASA-CASE-XMF-09422]	c07 N71-19436
[WASA-CASE-XGS-01451]	:09 N71-10677	Development of systems for automatic continually suppressing or attenu	cally and ating bending
Antenna array at focal plane of refle coupling network for beam switching	ctor with	motion in elastic bodies	<i>I</i> .,
[NASA-CASE-GSC-10220-1] c	07 N71-27233	[NASA-CASE-XAC-05632] Elbow forming in jacketed pipes whi	C32 N71-23971
Dish antenna having seitching beamuld truncated concave ellipsoid subrefl	th with	maintaining separation between co	re shape and
[NASA-CASE-GSC-11760-1] c	09 N73-32116	jacket pipes [NASA-CASE-XNP-10475]	
BEAH DAYEGUIDES Laser machining device with dielectri	_	Device for bending metal ribbon or	c15 N71-24679 wire
functioning as beam waveguide for m	echanical	[NASA-CASE-KLA-05966] BEDDING DIAGRAMS	c15 N72-12408
and medical applications		Charged particle analyzer with peri	odically
Optical communication system with gas	15 N71-27135 filled	varying voltage applied across el deflection members	ectrostatic
wavequide for laser beam transmissi	on	[NASA-CASE-XAC-05506-1]	c24 N71-16095
[NASA-CASE-HQN-10541-4] c Laser beam projector for continuous,	16 N71-27183 precise	BENDING PATIGUE	
alignment between target, laser gen	erator, and	Apparatus for testing metallic and beams or rods by bending at high	n∪nmetallic temperatnra⊂
astronomical telescope during track [NASA-CASE-NPO-11087]	1ng 23 N71-29125	in vacuum or inert atmosphere	
BEARS (RADIATION)		[NASA-CASE-XLE-01300] Cryostat for flexure fatigue testing	c15 N70-41993
Bethod and means for recording and reconstructing holograms without us	e of	Composite materials	
reference beam		[NASA-CASE-XHF-02964] BENDING HORBETS	c14 N71-17659
[NASA-CASE-ERC-10020] c Hethod and system for transmitting an	16 N71-26154 a	Launch pad missile release system	ith bending
distributing optical frequency radi	ation .	moment change rate reduction in the distribution structure at liftoff	hrast
[WASA-CASE-HQN-10541-3] c	23 N72-23695	[HASA-CASE-XHF-03198]	c30 N70-40353
and the second s	1-15		

SUBJECT INDEX BENDING VIBRATION

BENDING VIBRATION	Family of m-ary linear feedback shift register
£11103 NANANIND DRUDEL TOL CONCLOTATOS	with binary logic [NASA-CASE-NPO-11868] c10 H73-20254
hending vibration induced by wind effects	BIHARY PLUIDS
NASA-CASE-BAG- (02/4)	Plow measuring apparatus [NASA-CASE-LEW-12078-1] c14 N74-18101
- tInone Aloyime And Concentrated	BINERY TO TROUBLE CONVENTERS
para-penzoquinone distribution para-penzoquinone or mineral acid processed to yield intumescent or fire resistant, heat insulating materials	pinery to himary-coded decimal converter using
[NASA-CASE-ARC-10304-1] c18 N73-26572	single set of logic circuits notwithstanding number of shift register decades
	rmasa-case-xnp-004321 cos n/u-35423
Development of fluoride coating to prevent oxidation of heryllium surfaces at elevated	pesign and operation of high speed binary to
temperatures	decimal conversion system [NASA-CASE-IGS-01230] G08 N71-19544
[NASA-CASE-LEW- 1002.]	Rinary to decimal decoder logic circuit design
Nonmagnetic thermal motor for magnetometer	with feedback control and display device [NASA-CASE-XKS-06167] CO8 N71-24890
goverent	High speed direct binary to binary coded decimal
herian and development of linear actuator based	converter for use in PCM telemetry systems
on bimetallic spring expansion	[NASA-CASE-KSC-10326] COS N/2-2119/ BINDERS (HATERIALS)
(MASA-CASE-NPO-10637) c15 N72-12409 Application of spiral, bimetallic strip to	Bonded solid lubricant coatings of Calcium
create circular motion on mechanical shall of	fluoride and binder for high temperature
changing strip temperature	stability [NASA-CASE-XMS-00259] c18 N70-36400
nasa-cash wro in the mal compensating structure	VAPPANTA
which maintains uniform length with changes in	Spectrophotofluorometer with 3-dimensional display to identify fluorescence spectra of
temperature	carcinogenic and noncarcinogenic hydrocarbons
passe-callie fluid displacement apparatus for	f NASA-CASE-NGS-01231] C14 N/0-4(6/6
stirring and heating stored gases and liquius	Bioassay of flavin coenzymes [NASA-CASE-GSC-10565-1] c06 N72-25149
[NASA-CASE-ARC-10441-1] C15 N/4-13120	Enzymatic luminescent bicassay method for
BIHARY CODES Time division relay synchronizer with master	determining bacterial levels in urine
1co for activating binary counter to	Servo-controlled intravital microscope system
produce signal identifying time slot for station [NASA-CASE-GSC-10373-1] c07 N71-19773	[NASA-CASE-NPO-13214-1] C14 N/4-13033
Logic circuit for generating multiple bindly	BIODYNAMICS Ultra-flexible biomedical electrodes and wires
code word in parallel	cvasa_case_arc=10268+21
nation and development of encoder/decoder system	Ultra-flexible biomedical electrode and wires
to generate hinary code which is IUNCLION OF	PIORIECTRIC POTRNTIAL
outputs of plurality of bistable elements [NASA-CASE-NPO-10342] c10 N71-33407	Wlectrochemically reversible silver-silver
Rinary coded segmential acquisition ranging	chloride electrode for detecting bioelectric potential differences generated by human
system for distance measurements	muscles and organs
DAUGHOR DAUGH TO 111241	[NASA-CASE-XBS-02872] c05 M69-21925 Manufacturing process for making perspiration
wondestructive interrogating and state changing	resistant-stress resistant biopotential
circuit for binary magnetic storage elements [MASA-CASE-MGS-00174] c08 N70-34743	electrode
Logic circuit to ripple add and subtract binary	LATAL TELEBRATE TOO SOLLOWS
counters for spaceborne computers [NASA-CASE-XGS-04766] c08 N71-18602	Development and characteristics of electrodes in
Describing circuit for obtaining sum of squares	which poisoning by organic molecules is prevented by ion selective electrolytic
of numbers	deposition of hydrophilic protein colloid
nigital synchronizer for extracting binary data	rmica_casp_vms=04213-11 C09 N/1-20002
in receiver of PSK/PCH Communication system	Elastomeric extensometer for measuring surface area changes of human body caused by body
[HASA-CASE-NPO-10851] CO7 N71-24613 Phase modulation of tone and binary signals on	expansion and contraction
carrier waves in communication systems	[NASA-CASE-MPS-21049-1] C14 N73-11405
[NASA-CASE-GSC-11743-1] c07 N/3-2/10/	BIORNGINEERING Isolated dc amplifier for bioelectric measurements
BINARY DIGITS Logarithmic converter for compressing 19-digit	[NASA-CASE-ARC-10596-1] c09 N72-27233 Ultra-flexible biomedical electrodes and wires
binary input number to 8-digit output	CM2C3_C3CP_3DC=10268-23 CUD M/4-1130V
[NASA-CASK-ILA-00471] COS N70-34778 Circuit diagram and operation of full binary adder	mitra-flexible biomedical electrode and wires
rnasa-case-xgs-006891 cu8 n/U-34/8/	[NASA-CASE-ARC-10268-3] C05 N74-11901 BIOINSTRUMENTATION
Binary number sorter for arranging numbers in	Temperature compensated solid state differential
order of magnitude [NASA-CASE-NPO-10112]	amnlifier with application in
Binary sequence detector with few memory	bioinstrumentation circuits [NASA-CASE-IAC-00435] C09 H70-35440
elements and minimized logic circuit complexity [WASA-CASE-ENP-05415] c08 N71-12505	Plactrode attached to beliets for detecting 100
cathode ray tube system for displaying ones and	level signals from skin of living creatures [NASA-CASE-ARC-10043-1] C05 N71-11193
zeros in binary wave train	Characteristics of pressed disc electrode for
Characteristics of comparator circuits for	biological measurements
comparison of binary numbers in information	Development of apparatus and method for
processing system [NASA-CASE-INP-04819] c08 N71-23295	gnantitatively measuring brain activity as
nigital converter for scaling binary number to	automatic indication of sleep state and level
binary coded decimal number of higher multiple	of consciousness [NASA-CASE-MSC-13282-1] c05 N71-24729
Binary concatenated coding system to measure,	Development and characteristics of electrodes is
count, and record numerical information using	which poisoning by organic molecules is prevented by ion selective electrolytic
minimized number of digits [MASA-CASE-MSC-14082-1] c08 N73-16163	deposition of hydrophilic protein colloid
FREDE CERT TRO 1440F. 1]	T-16

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[NASA-CASE-XHS-04213-1] c09 N71-26002	Black body radiometer design with temperature
Ultrasonic biomedical measuring and recording apparatus for recording motion of internal	sensing and cavity heat source cone winding [HASA-CASE-INP-09701] c14 N71-2647
organs such as heart valves	Black body radiometer having isothermally
[NASA-CASE-ARC-10597-1] COS N74-20726 BIOLUBIERSCENCE	surrounded cavity for ultraviolet, visible,
Detection instrument for light emitted from ATP	and infrared radiation [NASA-CASE-NPO-10810] c14 N71-2732:
Dlochemical reaction	BLADE TIPS
[NASA-CASE-IGS-05534] c23 N71-16355 Describing method for lyophilization of	Hodification and improvement of turbine blades
luciferase containing mixtures for use in life	for maximum cooling efficiency [NASA-CASE-XLE-00092] c15 N70-33264
detection reactions	BLADES (CUTTERS)
[NASA-CASE-XGS-05532] c06 N71-17705 BIOHEDICAL DATA	Piston in bore cutter for severing parachute
Silicon radiation detecting probe design for in	control lines and sealing cable hole to prevent water leakage into load
vivo biomedical use	[NASA-CASE-XHS-04072] c15 N70-4201
[NASA-CASE-XES-01177] c05 N71-19440 BIOGETRICS	BLAST LOADS
Characteristics of pressed disc electrode for	Development of apparatus for detonating explosive devices in order to determine forces
biological measurements	generated and detonation propagation rate
[NASA-CASE-IMS-04212-1] c05 N71-12346 Compressible electrolyte saturated sponge	[NASA-CASE-LAR-10800-1] c33 N72-27959
electrode for biomedical applications	BLOOD PRESSURE Blood pressure measuring system for separately
[NASA-CASE-HSC-13648] c05 N72-27103	recording dc and ac pressure signals of
Transducer for converting arterial pulse wave into electric signals	Rorotkoff sounds
[NASA-CASE-GSC-11531-1] c05 N73-11097	[NASA-CASE-XBS-06061] c05 N71-23317 Initial systole and dicrotic notch detecting
Ultrasonic biomedical measuring and recording	circuitry for monitoring arterial pressure puls
apparatus for recording motion of internal	[NASA-CASE-LES-11581-1] c05 N73-18139
organs such as heart valves [NASA-CASE-ARC-10597-1] c05 N74-20726	BLUFF BODIES Bluff-shaped annular configuration for
BIOTELBEETRY	supersonic decelerator for reentry vehicles
Communication system for transmitting biomedical	[NASA-CASE-XLE-00222] c02 N70-37939
information obtained from patient in moving ambulance to hospital for diagnosis	BLOWT BODIES
[NASA-CASE-FRC-10031] c05 N70-20717	Hind tunnel method for simulating flow fields around blunt vehicles entering planetary
Biotelemetry apparatus with dual voltage	atmospheres without involving high temperatures
generators for implanting in animals	[NASA-CASE-LAR-11138] c12 N71-20436
[NASA-CASE-NAC-05706] c05 N71-12342 Bultichannel medical monitoring system to	BODIES OF REVOLUTION Conforming polisher for aspheric surfaces of
measure physiological parameters from display	revolution with inflatable tube
device at remote control station	[NASA-CASE-XGS-02884] c15 N71-22705
[NASA-CASE-HSC-14180-1] c05 N73-22045 BIREFRINGENCE	Test fixture for measuring noment of inertia of
Automatic polarimeter capable of measuring	irregularly shaped body with multiple axes [NASA-CASE-XGS-01023] c14 N71-22992
transient birefringence Changes in	BODY FLUIDS
electro-optic materials [NASA-CASE-XNP-08883] c23 N71-16101	Computer controlled infusion pump for time
BISTABLE CIRCUITS	varying input of calcium into physiological systems
Bistable multivibrator circuits operating at	[NASA-CASE-ARC-10447-1] c05 N73-14092
high speed and low power dissipation [NASA-CASE-XGS-00823] c10 N71-15910	BODY KINEHATICS
BIT SYNCHROWIZATION	Space suit with improved waist and torso movement [NASA-CASE-ABC-10275-1] c05 N72-22092
Telemetry data unit to form multibit words for	BODY SEASUREMENT (BIOLOGY)
use between demodulator and computer [NASA-CASE-INP-09225] c09 N69-24333	Blastomer loaded with metal particles for
Bit synchronization system using digital data	elastic biomedical electrodes [NASA-CASE-ARC-10268-1] c09 N70-12620
transition tracking phased locked loop	Ingestible miniaturized telemetry device for
[NASA-CASE-NPO-10844] c07 N72-20140	deep body temperature measurements on humans
Bit synchronization of PCM communications signal, without separate synchronization	and animals [NASA-CASE-AEC-10583-1]
channel by digital correlation	BODY TEMPERATURE
[NASA-CASE-NPO-11302-1] c07 N73-13149 Hethod and apparatus for a single channel	Thermoregulating with cooling flow pipe network
digital communications system	for humans [NASA-CASE-XHS-10269] c05 N71-28147
synchronization of received PCH signal by	[MASA-CASE-XHS-10269] c05 N71-24147 BODY VOLUME (BIOLOGY)
digital correlation with reference signal	Bhole body measurement systems for
[NASA-CASE-NPO-11302-2] CO7 N74-10132 BITERBARY CODE	Teightlessness simulation
Encoders designed to generate comma free	[WASA-CASE-HSC-13972-1] c05 N74-10975
biorthogonal Reed-Muller type code comprising	Vapor generating boiler system for turbine motor
conversion of 64 6-bit words into 64 32-bit data for communication purposes	[NASA-CASE-XLE-00785] c33 H71-16104
[NASA-CASE-NPO-10595] c10 N71-25917	Shell-side liquid metal boiler employing tube and shell heat exchanger
BITS	[WASA-CASE-NPO-10831] c33 N72-20915
Logic circuit for generating multibit binary	BOLOHETERS
code word in parallel [NASA-CASE-XNP-04623] c10 N71-26103	High impedance alternating current sensing transformer device between two bolometers for
MOD 2 sequential function generator for multibit	measuring insertion loss of test component
sequence, with two-bit shift register for each	[NASA-CASE-INP-01193] c10 N71-16057
pair of bits [NASA-CASE-BPO-10636]	Thin file capacitive bolometer and capacitance
BLACK BODY RADIATION	temperature interchange sensor [NASA-CASE-NPO-10607] c09 N71-27232
Development of black-body source calibration	BOLTS
furnace [NASA-CASE-XLE-01399]	Patent data on gas actuated bolt disconnect
Black body cavity radiometer with thermal	assembly [NASA-CASE-KLA-00326] c03 N70-34667
resistance wire bridge circuit	Bolt-latch mechanism for releasing despin
[NASA-CASE-XNP-08961] c14 N71-24809	weights from space wehicle

		4	-40 570 07040
[NASA-CASE-XLA-00679]	c15 N70-38601	[NASA-CASE-XLE-05230] BOXES (CONTAINERS)	c14 N72-27410
Gage for quality control of sealing	g surfaces of	Sealed storage container for chan	nel carriers
threaded boss	c14 N71-17658	with mounted miniature electron	ic components
[NASA-CASE-XMF-04966] Split nut and bolt separation device		[NASA-CASE-MFS-20075]	C09 N71-26133
Split but and point Separation device	c15 N71-21489	BRAKES (FOR ARRESTING MOTION)	
[NASA-CASE-XNP-06914] Device for securing together struct	tural members	Energy dissipating shock absorbin	g system for
with axially stretched bolt and I	out	land payload recovery or webicl	
[NASA-CASE-GSC-11149-1]	c15 N73-30457	[NA SA-CASE-XLA-00754]	c15 N70-34850
BONDING		Automatic braking device for rapi	dly
Silver chloride use in technique for	or fusion	transferring humans or material	s from elevated
bonding of graphite to silver, g	lass,	location	45 974 07657
ceramics, and certain other metal	ls _	[NASA-CASE-XKS-07814]	c15 N71-27067
[NASA-CASE-XGS-00963]	c15 N69-39735	Sprag solenoid brake with cylindr	
Reduction of peak shear stress in 1	bonded joint	[NASA-CASE-MFS-21846-1]	c15 N73-23552
[NASA-CASE-LAR-10900-1]	c15 N73-10499	BRAKING Direct current electromotive syst	em for
High temperature bonding of sapphing	re to sapphire	regenerative braking of electri	
by entectic Al203 and Zro2 mixtur	re co rorm	[NASA-CASE-XMF-01096]	c10 N71-16030
sapphire rubidium maser cell [NASA-CASE-GSC-11577-1]	c15 N73-19467	Linear magnetic braking system wi	
Improved bonding method in the man		wrapped primary coil producing	
continuous regression rate sensor	r devices	braking force on secondary coil	
[NASA-CASE-LAR-10337-1]	c15 N74-14141	[NA SA-CASE-XLE-05079]	c15 N71-17652
Strain arrestor plate bonding	rigid thermal	Anenometer with braking mechanism	
insulation tiles to metallic pla-	tes or	rotation of wind driven element	
structural parts		[NASA-CASE-XMF-05224]	c14 N71-23726
[NASA-CASE-MSC-14182-1]	c18 x74-15213	BRAZING	
BOBES		Anti-wettable materials brazing p	
Ultrasonic bone densitometer for me		titanium and Zirconium for surf [NASA-CASE-XMS-03537]	c15 N69-21471
calcium content of bone structure	es c05 N73-30090	Application techniques for protect	
[NASA-CASE-MFS-20994-1]	CO3 M13-30030	during salt bath brazing	ozn,
BOOMS (EQUIPMENT) Unfolding boom assembly with knuck	le ioints for	[NASA-CASE-XLE-00046]	c15 N70-33311
positioning equipment for spaced:		Joining aluminum to stainless ste	el by bonding
[NASA-CASE-XGS-00938]	c32 N70-41367	aluminum coatings onto titanium	
Collapsible antenna boom and coaxis		stainless steel and brazing alu	minum to
transmission line having inflata		aluminum/titanium coated steel	
[NASA-CASE-MFS-20068]	c07 N71-27191	[NASA-CASE-MF5-07369]	c15 N71-20443
Extendable, self-deploying boom ap	paratus	Brazing alloy adapted for brazing	corrosion
[NASA-CASE-GSC-10566-1]	c15_N72-18477	resistant steel to refractory m	
Design and characteristics of mech	anically	brazing refractory metals to ot	ner retractory
extended and telescoping boom on		metals	c17 N71-23365
[NASA-CASE-NPO-11118]	c03 N72-25021	[NASA-CASE-XNP-03063] Electric resistance spot welding	
BOOSTER EBCOVERY	and Focket	producing metal bonds with supe	
Techniques for recovery of multistate vehicles by providing lifting su		and structural characteristics	
individual sections	214000 01	[NASA-CASE-LAR-11072-1]	c15 N73-20535
[NASA-CASE-XMF-00389]	c31 N70-34176	BREATHING APPARATUS	
Recoverable, reusable single stage	booster	Three-port transfer valve with on	e port open
capable of injecting large paylo		continuously suitable for manne	d space flight
circular earth orbit	_	[NASA-CASE-XAC-01158]	c15 N71-23051
[NASA-CASE-XMF-01973]	c31 N70-41588	BRICKS	
BOOSTER ROCKET ENGINES	3/ 3	Development of construction block container folded from flat shee	
Segmented back-up bar for butt wel		with solid material for archite	
tubular structures such as rocke	f Doostel	[NASA+CASE-MSC-12233-2]	c32 N73-13921
bodies or tanks [NASA-CASE-IMF-00640]	c15 N70-39924	BRIGHTNESS	00- 11.0 177-1
Recoverable, reusable single stage		Modulating and controlling intens	ity of light
capable of injecting large paylo		beam from high temperature sour	
circular earth orbit		servocontrolled rotating cylind	
[NASA-CASE-IMF-01973]	c31 N70-41588	[NASA-CASE-XMS-04300]	c09 N71-19479
BORING MACHINES		BRIGHTURSS DISCRIMINATION	
Automatic controlled drive mechani	sm for	Video signal processing system for	r sampling
portable boring bar		video brightness levels	-07 974 04383
[NASA-CASE-XLA-03661]	c15 N71-33518	[NASA-CASE-NPO-10140]	c07 N71-24742
BORON	he boron	Automated visual sensitivity test determining visual field sensit	ivity and blind
Radiation bardening of MOS devices		spot size	titel and bries
for stabilizing gate threshold p	Otencial or	[NASA-CASE-ARC-10329-1]	c05 N73-26072
field effect device [NASA-CASE-GSC-11425-1]	c24 N74-20329	BROADBAND	00- 2
BORON CARBIDES	C14 11/4 20023	Broadband chokes and absorbers to	reduce
Catalyst for increased growth of b	oron carbide	spurious radiation patterns of	antenna array
crystal whiskers		caused by support structures	
[NASA-CASE-XHQ-03903]	c15 N69-21922	[NASA-CASE-XMS-05303]	c07 N69-27462
BOUNDARY LAYER CONTROL		Flexible monopole antenna with br	oad bandwidth:
Double hinged flap for boundary la	yer control	and low voltage standing wave i	ratio
over trailing edges of wings		[NASA-CASE-MSC-12101]	c09 N71-18720
[NASA-CASE-XLA-01290]	c02 N70-42016	Broadband frequency discriminator	With resistive
BOUNDARY LAYER SEPARATION		captive inductive networks	007 N74-34F03
Tertiary flow injection system for		[NASA-CASE-NPO-10096]	c07 N71-24583
vectoring of propulsive nozzle f	c28 N71-29153	Broadband microwave waveguide win compensate dielectric material	
[NASA-CASE-HFS-20831] BOUNDARY LAYERS	CEO 371-23133	[NASA-CASE-XNP-08880]	C09 N71-24808
Flow meter for measuring stagnatio	n pressure in	Comb type traveling wave maser as	
boundary layer around high speed		improved high gain broadband of	ıtput
[NASA-CASE-XPR-02007]	c12 N71-24692	[NASA-CASE-NPO-10548]	c16 N71-24831
Development of thermocouple instru		Wideband voltage controlled osci	llator with high
measuring temperature of wall he		phase stability	_
flowing fluid without disturbing		[NASA-CASE-XLA-03893]	c10 N71-27271

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[NASA-CASE-MSC-12052-1]

Multimode antenna feed system for microwave and	CABLES
proadband communication	Cable guide and restraint device for reefing
[NASA-CASE-GSC-11046-1] c07 N73-28013	tubes in uniform manner
BROADBAND AMPLIFIERS Solid state broadband stable power amplifier	[NASA-CASE-LAR-10129-1] c15 N73-25512
[NASA-CASE-INP-10854] c10 N71-26331	CABLES (ROPES) High voltage cable for use in high intensity
Broadband distribution amplifier with	ionizing radiation fields
complementary pair transistor output stages	[NASA-CASE-XNP-00738] c09 N70-38201
[NASA-CASE-NPO-10003] c10 N71-26415 BRUSHES	Force separation rigid tethering device using
Fabrication of sintered impurity semiconductor	cables [NASA-CASE-XLA-02332]
brushes for electrical energy transfer	Support for flexible conductor cable between
[NASA-CASE-XMF-01016] c26 N71-17818	drawers or racks holding electronic equipment
BUCKLING	and cabinet assembly housing drawers or racks
Miniature vibration isolator utilizing elastic tubing material	[NASA-CASE-XMF-07587] c15 N71-18701 Design and construction of satellite appendage
[NASA-CASE-XLA-01019] c15 N70-40156	tie-down cond
Test equipment to prevent buckling of small	[NASA-CASE-XGS-02554] c31 N71-21064
diameter specimens during compression tests	Quick attach mechanism for moving or stationary
[NASA-CASE-LAR-10440-1] c14 N73-32323 BUFFER STORAGE	wires, Topes, or cables
Data handling based on source significance,	[NASA-CASE-XFR-05421] c15 N71-22994 Flexible cable that can be made rigid
storage availability, and data received from	[NASA-CASE-MSC-13512-1] C15 N72-22485
Source	Guide member for stabilizing cable of open shaft
[NASA-CASE-XNP-04162-1] c08 N70-34675	elevator
Data acquisition and processing system with buffer storage and timing device for magnetic	[NASA-CASE-KSC-10513] c15 N72-25453
tape recording of PCM data and timing	Reefing system [NASA-CASE-LAR-10129-2] c15 N74-20063
information	CADMIUM SULFIDES
[NASA-CASE-NPO-12107] c08 N71-27255	High field CdS detector for infrared radiation
Digital to analog converter with parallel input/output memory device	[NASA-CASE-LAE-11027-1] c14 N74-18088
[NASA-CASE-KSC-10397] c08 N72-25206	Computer controlled infusion pump for time
BUILDINGS	varying input of calcium into physiological
Apparatus and method of assembling building	systems
blocks by folding pre-cut flat sheets of	[NASA-CASE-ARC-10447-1] c05 N73-14092
material during on-site construction [NASA-CASE-MSC-12233-1] c15 N72-25454	Ultrasonic bone densitometer for measuring calcium content of bone structures
BULKHEADS	[NASA-CASE-MFS-20994-1] c05 N73-30090
Liquid propellant tank design with semitoroidal	CALCIUM FLUORIDES
bulkhead	Bonded solid lubricant coatings of calcium
[NASA-CASE-XHF-01899] c31 N70-41948 BUOTANCY	fluoride and binder for high temperature stability
Inflatable radar reflector unit - lightweight,	[NASA-CASE-XMS-00259] c18 N70-36400
highly reflective to electromagnetic	Production of barium fluoride-calcium fluoride
radiation, and adaptable for erection and	composite lubricant for bearings or seals
deployment with minimum effort and time [NASA-CASE-XMS-00893] c07 N70-40063	[NASA-CASE-XLE-08511-2] c18 N71-16105 CALCIUM PHOSPHATES
BURNING RATE	Process for preparing calcium phosphate salts
Pressurized gas injection for burning rate	for tooth repair
control of solid propellants [NASA-CASE-XLE-03494] c27 N71-21819	[NASA-CASE-ERC-10338] c04 N72-33072
[NASA-CASE-XLE-03494] c27 N71-21819 Development of apparatus for testing burning	CALIBRATING Development and characteristics of self-
rate and flammability of materials	calibrating displacement transducer for
[NASA-CASE-XMS-09690] c33 N72-25913	measuring magnitude and frequency of
BURNOUT	displacement of bodies
Spherical solid propellant rocket engine having abrupt burnout	[NASA-CASE-XLA-00781] c09 N71-22999 Combination pressure transducer-calibrator
[NASA-CASE-XHQ-01897] c28 N70-35381	assembly for measuring fluid
BUTT JOINTS	[NASA-CASE-XNP-01660] c14 N71=23036
Channel-type shell construction for rocket	Control system for pressure balance device used
engines and related configurations [NASA-CASE-XLE-00144] c28 N70-34860	in calibrating pressure gages [NASA-CASE-XMF-04134] c14 N71-23755
Segmented back-up bar for butt welding large	Phonocardiogram simulator producing electrical
tubular structures such as rocket booster	woltage waves to control amplitude and
bodies or tanks	duration between simulated sounds
[NASA-CASE-XMP-00640] c15 N70-39924 BUTTERFLY VALVES	[NASA-CASE-XKS-10804] cos N71-24606
Flexible inflatable seal for butterfly valves	Calibrator for measuring and modulating or demodulating laser outputs
[NASA-CASE-XLE-00101] c15 N70-33376	[NASA-CASE-XLA-03410] C16 N71-25914
BYPASSES	Plastic sphere for radar tracking and calibration
Low power drain transistor feedback circuit [NASA-CASE-IGS-04999] C09 N69-24317	[NASA-CASE-XLA-11154] CO7 N72-21117
Helical coaxial resonator RF filter	Calibration of vacuum gauges for measuring total and partial pressures in ultrabigh vacuum region
[NASA-CASE-XGS-02816] c07 N69-24323	[NASA-CASE-XGS-07752] c14 N73-30390
Current regulating voltage divider design with	Ergometer calibrator for any ergometer
load current shunting	utilizing rotating shaft
[NASA-CASE-MFS-20935] c09 N71-34212 Electrical interconnection of unilluminated	[NASA-CASE-MFS-21045-1] c14 N74-11288
solar cells in solar battery array	System for calibrating pressure transducer [NASA-CASE-LAR-10910-1] c14 N74-13132
[WASA-CASE-GSC-10344-1] c03 N72-27053	Insitu transfer standard for utlrahigh vacuum
·.	gage calibration
C	[NASA-CASE-LAR-10862-1] c14 N74-15092 CALORIHETERS
CABLE PORCE RECORDERS	Development and characteristics of calorimeter
Design and characteristics of device for showing	with integral heat sink for maintenance of
amount of cable payed out from winch and load	constant temperature
imposed	[NASA-CASE-IMF-04208] G33 N71-29051

c15 N71-24599

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Calorimeter for measuring thermal output of	dielectric constant [NASA-CASE-MFS-21629] c14 N72-22442
nickel cadmium batteries	Circuit with differential amplifier for
LANDE CADE CADE	synthesizing capacitance multiplier with
CARREA SHOTTERS Electrically operated rotary shutter for	microminiaturized feedback components
+alagisian camera aboard spacecrari	[NASA-CASE-NPO-11948-1] c10 N73-15255
(MIC)_C)CP_VND=006371	Adjustable frequency response microphone
magnotically opened diaphragm design with camera	[NASA-CASE-LAR-11170-1] C07 H74-12843 CAPACITABCE SWITCHES
shutter and expansion tube applications	Electric discharge apparatus for
[NASA-CASE-XLA-03660] c15 N71-21060 Development and characteristics of cyclically	electrohydraulic explosive forming
operable, optical shutter for use as focal	[NASA-CASE-MNF-00375] C15 N70-34249
plane shutter for transmitting single	Extra-long monostable multivibrator employing
radiation pulses	bistable semiconductor switch to allow
rmxch_casp_NPO=107581 C14 N73=1442/	charging of timing circuit [WASA-CASE-IGS-00381] c09 W70-34819
natary colonoid shutter drive assembly and	Feedback integrating circuit with grounded
rotary inertia damper and stop plate assembly rotary for use with cameras mounted in satellites	capacitor for signal processing
[NASA-CASE-GSC-11560-1] C09 N74-20861	[NASA-CASE-XAC-10607] C10 N/1-23669
CIMPOIC	CAPACITORS
Mochanism for measuring nanosecond time	Temperature sensitive capacitor device for detecting very low intensity infrared radiation
differences between luminous events using	[NASA-CASE-ENP-09750] C14 M69-39937
streak camera c23 N71-23976	Rnergy source with tantalum capacitors in
[NASA-CASE-XLA-01987] C23 N/1-239/6 Camera adapter design for image magnification	narallel and miniature silver oxide button
including lens and illuminator	cells for initiating pyrotechnic devices on
f NASA-CASE-XMF-03844-1] C14 N71-264/4	spacecraft and rocket vehicles
Tongitudinalfilm gate and lock mechanism for	[NASA-CASE-LAR-10367-1] C03 N70-26817 Electrical power system for space flight
securing film in motion picture cameras under	vehicles operating over extended periods
vibration and high acceleration loads	FNASA-CASE-YNF-005171 CO3 N/9-3413/
[NASA-CASE-LAR-10686] C14 N/1-28935 Design and characteristics of laser camera	Capacitor for measuring density of compressible
evetom with diffusion filter of small	fluid in liquid, gas, or liquid and gas phases
particles with average diameter larger than	[NASA-CASE-XLE-00143] c14 H70-36618 Capacitor sandwich structure containing metal
wavelength of laser light	sheets of known thickness for counting
[NASA-CASE-NPO-10417] c16 N71-33410	memetration rates of meteoroids
Optical scanner with linear housing and rotating	FNASA-CASE-KLE-012461 C14 N71-10797
camera [NASA-CASE-NPO-11002] C14 N72-22441	Capacitor fabrication by solidifying mixture of
Apparatus for on-film optical recording of	ferromagnetic metal particles,
camera lens aperture and focus setting	nonferromagnetic particles, and dielectric
FNASA-CASE-MSC-12363-17 C14 M/3-26431	material [NASA-CASE-LEW-10364-1] c09 N71-13522
Integration of spectrometer capability with imagery function of facsimile cameras for use	mechanism for measuring nanosecond time
	differences between luminous events using
on planetary landers [NASA-CASE-LAR-11207-1] c14 N73-28496	streak camera
Mechanical exposure interlock device for	[NASA-CASE-XLA-01987]
preventing film overexposure in oscilloscope	Circuit for monitoring power supply by ripple current indication
camera	[NASA-CASE-KSC-10162] c09 N72-11225
[NASA-CASE-LAR-10319-1] c14 H73-32322 Real time moving scene holographic camera system	Thermodielectric radiometer using polymer film
[NASA-CASE-MFS-21087-1] C14 N74-17153	as capacitor
CANARD COMPIGURATIONS	[NASA-CASE-ARC-10138-1] c14 N72-24477
Thrust and attitude control apparatus using jet	Material compositions and processes for developing dielectric thick films used in
nozzle in movable canard surface or fin	microcircuit capacitors
configuration (NASA-CASE-XLE-035831	[NASA-CASE-LAR-10294-1] c26 N72-28762
[NASA-CASE-KLE-03583] C31 N/1-1/629 CANOPIBS	micrometeoroid analyzer using arrays of
Transparent fire resistant polymeric structures	interconnected capacitors and ion detector
[NASA-CASE-ARC-10813-1] c18 N74-16249	[NASA-CASE-ARC-10443-1] c14 N73-20477
CAMS	Insulated electrode for electrocardiographic recording without paste electrolyte
Design and characteristics of device for closing	[NASA-CASE-MSC-14339-1] C05 873-21151
canisters under high vacuum conditions [NASA-CASE-XLA-01446] c15 N71-21528	Integrated microcircuits and complementary
Extrusion can for extruding ceramics under heat	four-phase logic system
and pressure	[NASA-CASE-ESC-14240-1] c10 N73-21240
[WASA-CASE-NPO-10812] C15 N73-13464	CAPILLARY FLOW Capillary radiator for carrying heat transfer
CASTILEVER BRANS	liquid in planetary spacecraft structures
Pneumatic cantilever beams and platform for	[NA SA-CASE-XLE-03307] C33 K/ (- 14035
space erectable structure [NASA-CASE-XLA-01731] c32 N71-21045	Lubrication for bearings by capillary action
CARTILEVER BENBERS	from oil reservoir of porous material
Deployable cantilever support for deploying	[NASA-CASE-XNP-03972] c15 N71-23048
solar cell arrays aboard spacecraft and	soldering device particularly suited to making high quality wiring joints for aerospace
reducing transient loading	engineering utilizing capillary attraction to
[NASA-CASE-NPO-10883] c31 N72-22874 CAPACITANCE	regulate flow of solder
Capacitance measuring device for determining	[NASA-CASE-XLA-08911] C15 N7 1-27214
flare accuracy on tapered tubes	CAPILLARY TORES
[NASA-CASE-XKS-03495] c14 N69-39785	Tubular flow restrictor for gas flow control in
Device for measuring two orthogonal components	pipeline [NASA-CASE-NPO-10117] c15 N71-15608
of force with gallium flotation of measuring	nevelopment of liquid separating system using
target for use in vacuum environments [NASA-CASE-XAC-04885] c14 N71-23790	capillary device connected to flexible bladder
Thin film capacitive bolometer and capacitance	storage chamber
temperature interchange sensor	[NASA-CASE-XMS-13052] c14 N71-20427
[NASA-CASE-NPO-10607] c09 N71-27232	Interrupter switching device utilizing electrodes and mercury filled capillary tubes
Capacitive tank gaging device for monitoring one	in which current flow vaporizes mercury as
constituent of two phase fluid by sensing	T 20

Circuit breaker	
	modulating ac signal carriers close in frequency
[NASA-CASE-XNP-02251] c12 N71-20896 CARBAZOLES	[NASA-CASE-XHF-01160] c07 N71-11298 Automatic carrier acquisition system for phase
Hethod of producing output voltage from	locked loop receiver
Photovoltaic cell using poly-N-vinyl carbazole	[NASA-CASE-NPO-11628-1] c07 N73-30113
Complexed with iodine	Demodulator for carrier transducers
[NASA-CASE-NPO-10373] c03 N71-18698 CABBOHYDRATES	[NASA-CASE-NUC-10107-1] c09 N74-17930
Decontamination of petroleum products with honey	Decision feedback loop for tracking a polyphase
[NASA-CASE-INP-03835] C06 B71-23499	<pre>modulated carrier [NASA-CASE-NPO-13103-1]</pre>
CARBON ARCS	CARRIER HAVES
Pater cooled contactors for holding rotating	Variable frequency subcarrier oscillator with
Carbon arc anode	temperature compensation
[NASA-CASE-IMS-03700] c15 N69-24266 CARBON COMPOUNDS	[NASA-CASE-XNP-03916] c09 B71-28810
Vapor deposited laminated nitride-silicon	Phase modulation of tone and binary signals on carrier waves in communication systems
coating for corrosion prevention of	[NASA-CASE-GSC-11743-1] c07 N73-27107
carbonaceons surfaces	CARBIERS
[MASA-CASE-NLA-00284] c15 N71-16075	Sealed storage container for channel carriers
CARBON DIOXIDE	with mounted miniature electronic components
Carbon dioxide purge systems to prevent condensation in spaces between cryogenic fuel	[NASA-CASE-HFS-20075] c09 N71-26133 CARTESIAN COORDINATES
tanks and hypersonic vehicle skin	Design and development of random function tracer
[NASA-CASE-XLA-01967] c31 N70-42015	for obtaining coordinates of points on contour
Fast response miniature carbon dioxide detector	maps
with no moving parts for measuring	[NASA-CASE-XLA-01401] c15 N71-21179
Concentration in any atmosphere [BASA-CASE-HSC-13332-1] c14 N72-21408	CARTRIDGES
CARBON DIOXIDE LASERS	Tape cartridge with high capacity storage of endless-loop magnetic tape
Repetitively pulsed wavelength selective carbon	[NASA-CASE-XGS-00769] c14 N70-41647
dioxide laser	Endless loop tape transport mechanism for
[NASA-CASE-ERC-10178] c16 N71-24832	driving and tensioning recording medium in
Performance of ac power supply developed for CO2 laser system	magnetic tape recorder [NASA-CASE-XGS-01223] c07 N71-10609
[NASA-CASR-GSC-11222-1] c16 N73-32391	[NASA-CASE-IGS-01223] c07 N71-10609 Catalyst cartridge for carbon dioxide reduction
CARBOR DIORIDE RESOVAL	unit
Catalyst cartridge for carbon dioxide reduction	[NASA-CASE-LAE-10551-1] c06 N74-12813
unit	CASCADE CONTROL
[NASA-CASE-LAR-10551-1] c06 N74-12813 CARBOWATES	Reversible ring counter using cascaded single
Chemical and physical properties of synthetic	silicon controlled rectifier stages [NASA-CASE-XGS-01473] c09 N71-10673
polyurethane polymer prepared by reacting	Synchronous dc direct-drive system comprising
hydroxy carbonate with organic diisocyanate	multiple-loop hybrid control system
[NASA-CASE-HFS-10512] c06 N73-30099 CARBOXIL GROUP	controlling load directly connected to actuator
Carboxyl terminated polyester prepolymers and	[NASA-CASE-GSC-10065-1] c10 N71-27136
foans produced from prepolymers and materials	Multiloop BC active filter network with low parameter sensitivity and low amplifier gain
[NASA-CASE-NPO-10596] CO6 N71-25929	[NASA-CASE-ARC-10192] C09 N72-21245
CARBOXILIC ACIDS	
	CASES (COSTAIDERS)
Stable polyimide synthesis from mixtures of	Nonmagnetic hermetically sealed battery case
Stable polyimide synthesis from mixtures of monomeric diamines and polycarboxylic acid	Nonmagnetic hermetically sealed battery case made of epoxy resin and roven glass tape for
Stable polyimide synthesis from mixtures of monomeric diamines and polycarboxylic acid esters	Nonmagnetic hermetically sealed battery case made of epoxy resin and roven glass tape for use with electrochemical cells in spacecraft
Stable polyimide synthesis from mixtures of monomeric diamines and polycarboxylic acid esters [NASA-CASE-LEH-11325-1] c06 N73-27980 Fluorinated esters of polycarboxylic acid and	Nonmagnetic hermetically sealed battery case made of epoxy resin and roven glass tape for use with electrochemical cells in spacecraft [NASA-CASE-XGS-00886] c03 N71-11053
Stable polyimide synthesis from mixtures of monomeric diamines and polycarboxylic acid esters [MASA-CASE-LEH-11325-1] c06 N73-27980 Fluorinated esters of polycarboxylic acid and lubricating compositions for use at extreme	Nonmagnetic hermetically sealed battery case made of epoxy resin and roven glass tape for use with electrochemical cells in spacecraft [NASA-CASE-XGS-00886] c03 N71-11053 Radioactive isotope capsule container design for atmospheric reentry protection and heat
Stable polyimide synthesis from mixtures of monomeric diamines and polycarboxylic acid esters [MASA-CASE-LEM-11325-1] c06 N73-27980 Fluorinated esters of polycarboxylic acid and lubricating compositions for use at extreme temperature	Nonmagnetic hermetically sealed battery case made of epoxy resin and roven glass tape for use with electrochemical cells in spacecraft [NASA-CASE-XGS-00886] c03 W71-11053 Radioactive isotope capsule container design for atmospheric reentry protection and heat transmission to spacecraft
Stable polyimide synthesis from mixtures of monomeric diamines and polycarboxylic acid esters [MASA-CASE-LEH-11325-1] c06 N73-27980 Fluorinated esters of polycarboxylic acid and lubricating compositions for use at extreme	Nonmagnetic hermetically sealed battery case made of epoxy resin and roven glass tape for use with electrochemical cells in spacecraft [NASA-CASE-XGS-00886] c03 N71-11053 Radioactive isotope capsule container design for atmospheric reentry protection and heat transmission to spacecraft [NASA-CASE-LEU-11227-1] c33 N71-35153
Stable polyimide synthesis from mixtures of monomeric diamines and polycarboxylic acid esters [MASA-CASE-LEH-11325-1] c06 M73-27980 Pluorinated esters of polycarboxylic acid and lubricating compositions for use at extreme temperature [MASA-CASE-HFS-21040-1] c06 M73-30098	Nonmagnetic hermetically sealed battery case made of epoxy resin and roven glass tape for use with electrochemical cells in spacecraft [NASA-CASE-XGS-00886] c03 N71-11053 Eadioactive isotope capsule container design for atmospheric reentry protection and heat transmission to spacecraft [NASA-CASE-LEW-11227-1] c33 N71-35153 CASSEGRAIN ANTRNNAS
Stable polyimide synthesis from mixtures of monomeric diamines and polycarboxylic acid esters [NASA-CASE-LEH-11325-1] c06 N73-27980 Pluorinated esters of polycarboxylic acid and lubricating compositions for use at extreme temperature [NASA-CASE-HFS-21040-1] c06 N73-30098 CANCINCENS Spectrophotofluorometer with 3-dimensional display to identify fluorescence spectra of	Nonmagnetic hermetically sealed battery case made of epoxy resin and roven glass tape for use with electrochemical cells in spacecraft [NASA-CASE-XGS-00886] c03 N71-11053 Radioactive isotope capsule container design for atmospheric reentry protection and heat transmission to spacecraft [NASA-CASE-LEE-11227-1] c33 N71-35153 CASSEGRAIN ANTRNNAS Cassegrain antenna subreflector flange for suppressing ground noise and increasing
Stable polyimide synthesis from mixtures of monomeric diamines and polycarboxylic acid esters [NASA-CASE-LEH-11325-1] c06 N73-27980 Fluorinated esters of polycarboxylic acid and lubricating compositions for use at extreme temperature [NASA-CASE-HFS-21040-1] c06 N73-30098 CANCINGERS Spectrophotofluorometer with 3-dimensional display to identify fluorescence spectra of carcinogenic and noncarcinogenic hydrocarbons	Nonmagnetic hermetically sealed battery case made of epoxy resin and roven glass tape for use with electrochemical cells in spacecraft [NASA-CASE-XGS-00886] c03 N71-11053 Badioactive isotope capsule container design for atmospheric reentry protection and heat transmission to spacecraft [NASA-CASE-LEH-11227-1] c33 N71-35153 CASSEGRAIN ANTRNMAS Cassegrain antenna subreflector flange for suppressing ground noise and increasing antenna transmitting efficiency
Stable polyimide synthesis from mixtures of monomeric diamines and polycarboxylic acid esters [NASA-CASE-LEH-11325-1] c06 N73-27980 Pluorinated esters of polycarboxylic acid and lubricating compositions for use at extreme temperature [NASA-CASE-MFS-21040-1] c06 N73-30098 CANCIBOGEHS Spectrophotofluorometer with 3-dimensional display to identify fluorescence spectra of carcinogenic and noncarcinogenic hydrocarbons [NASA-CASE-IGS-01231] c14 N70-41676	Nonmagnetic hermetically sealed battery case made of epoxy resin and voven glass tape for use with electrochemical cells in spacecraft [NASA-CASE-XGS-00886] c03 N71-11053 Badioactive isotope capsule container design for atmospheric reentry protection and heat transmission to spacecraft [NASA-CASE-LEW-11227-1] c33 N71-35153 CASSEGRAIN ANTENNAS Cassegrain antenna subreflector flange for suppressing ground noise and increasing antenna transmitting efficiency [NASA-CASE-XNP-00683] c09 N70-35425
Stable polyimide synthesis from mixtures of monomeric diamines and polycarboxylic acid esters [NASA-CASE-LEH-11325-1] c06 N73-27980 Fluorinated esters of polycarboxylic acid and lubricating compositions for use at extreme temperature [NASA-CASE-HFS-21040-1] c06 N73-30098 CANCINGERS Spectrophotofluorometer with 3-dimensional display to identify fluorescence spectra of carcinogenic and noncarcinogenic hydrocarbons	Nonmagnetic hermetically sealed battery case made of epoxy resin and roven glass tape for use with electrochemical cells in spacecraft [NASA-CASE-XGS-00886] c03 N71-11053 Badioactive isotope capsule container design for atmospheric reentry protection and heat transmission to spacecraft [NASA-CASE-LEW-11227-1] c33 N71-35153 CASSEGRAIN ANTRNNAS Cassegrain antenna subreflector flange for suppressing ground noise and increasing antenna transmitting efficiency [NASA-CASE-XNP-00683] c09 N70-35425 Design and operation of multi-feed cone
Stable polyimide synthesis from mixtures of monomeric diamines and polycarboxylic acid esters [NASA-CASE-LEH-11325-1] c06 N73-27980 Fluorinated esters of polycarboxylic acid and lubricating compositions for use at extreme temperature [NASA-CASE-HFS-21040-1] c06 N73-30098 CARCIBOGERS Spectrophotofluorometer with 3-dimensional display to identify fluorescence spectra of carcinogenic and noncarcinogenic hydrocarbons [NASA-CASE-KGS-01231] c14 N70-41676 CARDIOGRAPHY Digital cardiotachometer incorporating circuit for measuring heartbeat rate of subject over	Nonmagnetic hermetically sealed battery case made of epoxy resin and roven glass tape for use with electrochemical cells in spacecraft [NASA-CASE-XGS-00886] c03 N71-11053 Radioactive isotope capsule container design for atmospheric reentry protection and heat transmission to spacecraft [NASA-CASE-LEB-11227-1] c33 N71-35153 CASSEGRAIN ANTRNNAS Cassegrain antenna subreflector flange for suppressing ground noise and increasing antenna transmitting efficiency [NASA-CASE-XNP-00683] c09 N70-35425 Design and operation of multi-feed cone Cassegrain antenna
Stable polyimide synthesis from mixtures of monomeric diamines and polycarboxylic acid esters [NASA-CASE-LEH-11325-1] c06 N73-27980 Pluorinated esters of polycarboxylic acid and lubricating compositions for use at extreme temperature [NASA-CASE-MFS-21040-1] c06 N73-30098 CANCIBOGENS Spectrophotofluorometer with 3-dimensional display to identify fluorescence spectra of carcinogenic and noncarcinogenic hydrocarbons [NASA-CASE-IGS-01231] c14 N70-41676 CARDIOGRAPHY Digital cardiotachometer incorporating circuit for measuring heartbeat rate of subject over predeternined portion of one minute also	Nonmagnetic hermetically sealed battery case made of epoxy resin and roven glass tape for use with electrochemical cells in spacecraft [NASA-CASE-XGS-00886] c03 N71-11053 Badioactive isotope capsule container design for atmospheric reentry protection and heat transmission to spacecraft [NASA-CASE-LEW-11227-1] c33 N71-35153 CASSEGRAIN ANTENNAS Cassegrain antenna subreflector flange for suppressing ground noise and increasing antenna transmitting efficiency [NASA-CASE-XNP-00683] c09 N70-35425 Design and operation of multi-feed cone Cassegrain antenna [NASA-CASE-NPO-10539] c07 N71-11285 Synchronous detection system for detecting weak
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[NASA-CASE-LEW-10814-1]	c28 N70-35422	nickel alumina bonding agent, and	ceramic
Blectronic cathodes for use in ele bombardment ion thrustors	SCCTOR	coating	
[NASA-CASE-XLE-04501]	c09 N71-23190	[NASA-CASE-XLA-03105] Unfired-ceramic, highly reflective	c15 N69-27483
Design and characteristics of head electric cell with anode made for	t activated	insulation for large launch vehic	les
alkali metals and cathode made	from oxidizing	rnasa-case-xmf-010301	C18 N/Q-41583
material	-02 n24 2640h	Unfired ceramic insulation for prot radiant heating environments	ection from
[NASA-CASE-LEW-11358] Characteristics of ion rocket eng	cQ3 N71-26084	r nasa-case-mfs-14253]	c33 N71-24858
combination keeper electrode and	d electron baffle	Cernet for nuclear fuel constructed	by pressing
[NASA-CASE-NPO-11880]	c28 N73-24783	metal coated ceramic particles in temperature to cause bonding of m	i die at metal
Storage battery comprising negatiugedge shaped configuration	ve plates of a for preventing	coatings, and tested for thermal	stability
shape change induced malfunction	ns	[NASA-CASE-LEW-10219-1]	c18 N71-28729
[NASA-CASE-NPO-11806-1]	c03 N74-19693	CERAMIC MUCLEAR FUELS Cermet for nuclear fuel constructed	by pressing
CATIONS Water insoluble, cationic permsel	active membrane	metal coated ceramic particles in	die at
[NASA-CASE-NPO-11091]	c18 N72-22567	temperature to cause bonding of a	etal .
CAVITATION FLOW	ea	coatings, and tested for thermal [NASA-CASE-LEW-10219-1]	c18 N71-28729
Semitoroidal diaphragm cavitating valve	LION COUTLOI	CERANICS	010 211 2412
[NASA-CASE-XNP-09704]	c12 N71-18615	Transpiration cooled turbine blade	made from
CAVITIES	. 11	netallic or ceranic wires [NASA-CASE-XLE-00020]	c15 N70-3322
Black body radiometer having isot surrounded cavity for ultraviol		Characteristics of foamed-in-place	ceramic
and infrared radiation	cc, 1202220,	refractory insulating material as	ad method of
[NASA-CASE-NPO-10810]	c14 N71-27323	fabrication	c18 N71-2299
Method for coating through-holes substrates used in fabricating		[NASA-CASE-IGS-02435] Process for fiberizing ceramic mate	erials with
electronic circuits	manantara	high fusion temperatures and tem:	sile strength
[NASA-CASE-XHP-05999]	c15 N71-29032	[NASA-CASE-XNP-00597]	c18 N71-2308
Soil burrowing mole apparatus [NASA-CASE-XNP-07169]	c15 N73-32362	Method for coating through-holes in substrates used in fabricating m	iniaturized
CAVITY RESONATORS	C 13 W13 32302	electronic circuits	
Helical coaxial resonator RF filt		[NASA-CASE-XMF-05999] Extrusion can for extruding ceramic	c15 N71-2903.
[NASA-CASE-XGS-02816] Semiconductor in resonant cavity	c07 N69-24323	and pressure	es ander neve
signal to noise ratio of commun	ication receiver	f wasa-case-npo-108121	c15 N73-1346
[NA SA - CASE-MSC-12259-1]	C07 N70-12616	Thermal shock resistant hafnia cer-	amic materials c18 x73-1458
Thermally sensitive tuning probe detuning effects in microwave of		[NASA-CASE-LAR-10894-1] Method of making an apertured cast:	ing
of amplifier		[NASA-CASE-LEM-11169-1]	c15 N74~1813
[NASA-CASE-INP-00449] Holder for high frequency crystal	c14 N70-35220	CEREETS Freeze casting of metal ceramic an	d refractory
[NASA-CASE-XNP-03637]	c15 N71-21311	compound powders into plastic sl	ips
- ·-		T 00	

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[NASA-CASE-XLE-00106]	c15 N71-16076	СНВО	KOUT	
Cermet for nuclear fuel constructed	by pressing	I	ligital computer system for automa-	tic prelaunch
metal coated ceramic particles in temperature to cause bonding of m	dle at		checkout of spacecraft	45566
coatings, and tested for thermal	etar Stahility	CERT	[NASA-CASE-XKS-08012-2]	C31 71-15566
[NASA-CASE-LEH-10219-1]	c18 X71-28729		nmonium perchlorate composite pro	pellant with
Development of method for fabrication	ng cermets	•	organic Cu/II/ chelate catalytic	
and analysis of various composition	ons to show		[NASA-CASE-LAR-10173-1]	c27 N71-14090
electrical and physical properties [NASA-CASE-NPO-13120-1]	s c18 N73+23629		ICAL ANALYSIS	-3 6
CESIDE	C10 #73-23025		nalytical test apparatus and methodetermining oxygen content in all	
Heated tungsten filter for removing	oxygen		metal	rail lagara
impurities from cesium			[NASA-CASE-XLE-01997]	c06 N71-23527
[NASA-CASE-XNP-04262-2] Production of iodine isotope by high	c17 N71-26773	2	utomated fluid chemical analyzer :	
bombardment of cesium heat pipe ca	n emergy anaina		microchemical analysis of small a liquids by use of selected reages	
spallation reaction			analyzer units	uca dua
[NASA-CASE-LEH-11390-2]	c24 N73-20763			c06 N71-26754
CESION DIODES		Ĕ	ethod for determining presence and	d type of OH
Oxygen-doped tantalum emitter for the devices such as cesium vapor diode	nermionic		in MgO [NASA-CASE-NPO-10774]	
[NASA-CASE-NPO-11138]	c03 N70-34646	ū	evelopment and characteristics of	C06 N72-17095
Thermionic cesium diode converter wi	ith cavity	-	system for use with gas chromatog	
emitters			[NASA-CASE-ARC-10344-1]	c14 N72-21433
[NASA-CASE-NPO-10412] CRSIUM ENGINES	c09 N71-28421	'P	icrometeoroid analyzer using array	
Variable thrust ion engine using the	ermal		interconnected capacitors and ion [NASA-CASE-ARC-10443-1]	0 detector c14 N73-20477
decomposition of solid cesium comp	pound to	G	as chromatograph injection system	
produce propulsive vapor			[NASA-CASE-ARC-10344-2]	c14 N74-20021
[NASA-CASE-IMF-00923]	c28 N70-36802		ICAL AUXILIARY POWER UNITS	
Method for producing porous tungster ionizing cesium compounds for prop	plates for	D	evelopment and characteristics of	
ion engines	Parsion of		membrane and electrode assembly in or electrolysis cells	tor iner cerrs
	c28 N70-38197			c03 N71-29044
CESIUE VAPOR			ICAL COMPOSITION	
Electric power generation system dir laser power	rectly from	R	ubber composition for expulsion b	
	c03 N74-19702		diaphragms for use with hydrazine [NASA-CASE-NPO-11433]	: c18 N71-31140
CHANDEL FLOS		P	hototropic composition of matter t	
Fabrication method for lightweight			sensitivity to ultraviolet light	and usable
regeneratively cooled combustion of channel construction	namber of		for producing positive photograph	
[NASA-CASE-XLE-00150]	c28 N70-41818	СИЕН	[NASA-CASE-XGS-03736] ICAL COMPOUNDS	c14 N72-22443
Heated element sensor for fluid flow	detection		ltraviolet chromatographic detecto	or for
in thermal conductive conduit with			quantitative and qualitative anal	
means to determine flow rate and d [NASA~CASE~BSC-12084~1]	lirection c12 N71-17569		Compounds	.44 350 05100
CHANNELS (DATA TRANSHISSION)	C12 W/1-1/303	CHRM	[NASA-CASE-HQN-10756-1] ICAL BLEHRWIS	c14 N72-25428
Brror correction circuitry for binar	y signal		pparatus for remote handling of ma	terials
channels	AA 24 4000 A		mixing or analyzing dangerous che	
[NASA-CASE-INP-03263] Helical recorder for multiple channe	c09 N71-18843	CHDR	[NASA-CASE-LAR-10634-1] ICAL HACHIBING	c15 N74-18123
	c09 N72-11224		eusable masking boot for chemical	machining
Asynchronous, multiplexing, single 1			operations	muchining.
transmission and recovery data sys	stem for		[NASA-CASE-INP-02092]	c15 N70-42033
satellite use [NASA-CASE-NPO-13321~1]	c07 N74-19806		ICAL PROPERTIES	
CHARGE DISTRIBUTION	007 1174-15000	ш.	ethod for producing alternating et copolymers with stable properties	ner-silokane
Operation of widicon tube for scanni	ng spatial		to elevated temperatures and UV r	adiation
charge density pattern	20 174 22422		[NASA-CASE-XMF-02584]	c06 N71-20905
[NASA-CASE-XNP-06028] CHARGE TRANSFEE	c09 N71-23189	C	hemical and physical properties of	synthetic
Electronic counter circuit utilizing	magnetic		polyurethane polymer prepared by hydroxy carbonate with organic di	reacting
core and low power consumption	3		[NASA-CASE-MFS-10512]	C06 N73-30099
	c09 N71-1,2515	Ci	hemical and elastic properties of	fluorinated
CHARGED PARTICLES Hethod of forming thin window drifte	d cilicon		polyurethanes	
charged particle detector	d Billeon	ጥ	[NASA-CASE-NPO-10767-1] iophenyl ether disiloxanes and tr	c06 N73-33076
[MASA-CASE-XLE-00808]	c24 N71-10560		useful as lubricant fluids	Telloranes
Charged particle analyzer with perio		Ţ	[NASA-CASE-MFS-22411-1]	c15 N74 . 1
<pre>varying voltage applied across ele deflection members</pre>	ctrostatic	CHER	ICAL REACTIONS	A
	G24 N71-16095		ire retardant polyisocyanurate foa temperature resistance	m with high
Electrostatic charged particle colle	ctor		[NASA-CASE-ARC-10280-1]	c18 N70-34695
containing stacked electrodes for		Pi	rocess for interfacial polymerizat	ion of
[NASA-CASE-LEW-11192-1] CHARGING	c09 N73-13208		pyromellitic dianhydride and tetr	
Development of device for simulating	charge and	S	[NASA-CASE-XLA-03104] ynthesis of polymeric schiff bases	c06 N71-11235
discharge cycle of battery in sync	hronous orbit		schiff-base exchange reactions	-1
• • • • • • • • • • • • • • • • • • •	CO3 N72-25020		[NASA-CASE-KEF-08651]	c06 N71-11236
CHARRING Sensor device with switches for meas	uring	Pı	reparation of ordered poly/arylene	siloxane/
surface recession of charring and			Polymers [NASA-CASE-XHF-10753]	c06 #71_44007
ablators	. ·	S	Athesis and chemical properties o	c06 N71-11237
	c14 N69-39975	<i>′</i> •	imidazopyrrolone/imide copolymers	
Ablation sensor for measuring char l recession rate using electric wire		^.	[NASA-CASE-ILA-08802]	c06 N71-11238
	c33 N71-21586	C	emposition and process for improvi- of resin masks used in chemical e	ng delinition
-			[NASA-CASE-XGS-04993]	c14 N71-17574
		T-03		

	[NASA-CASE-ARC-10180-1] c06 N74-12
Preparation of inorganic solid film lubricants with long wear life and stability in aerospace	CHOKES
onwironments	Current dependent variable inductance for inpu
rwasa-case-xmf-03988] C15 N71-21403	filter chokes of ac or dc power supplies [NASA-CASE-ERC-10139] c09 N72-17
Synthesis of high purity dianilinosilanes	[NASA-CASE-ERC-10139] CUS N72-17 CHROMATOGRAPHI
F MA CA - CA CR - XMF - 06409] CUD M/ 1-23230	Self-scanning chromatographic-fluorographic dr
Synthesis of aromatic diamines and dialdehyde	detector with optical readout system
polymers using Schiff base [NASA-CASE-XMF-03074] c06 N71-24740	[NASA-CASE-ARC-10633-1] c05 N73-22
Chemical synthesis of hydroxy terminated	CINERATOGRAPHY
perfluoro ethers as intermediates for highly	High speed photo-optical time recorder for
fluorinated polyurethane resins	indicating time at exposure of each frame of high speed movie camera film
[NASA-CASE-NPO-10768] c06 N71-27254	[NASA-CASE-KSC-10294] C14 N72-18
Chemical synthesis of thermally stable organometallic polymers with divalent metal	CIRCUIT BOARDS
ion and tetraphenylphosphonitrilic units	Electrical feedthrough connection for printed
rnasa-case-hon-10364] C06 N/1-2/363	circuit boards
inparatus and process for volumetrically	[NASA-CASE-IMP-01483] c14 N69-27
dispensing reagent quantities of volatile	Electric connector for printed cable to printe cable or to printed board
chemicals for small batch reactions	[NASA-CASE-XMF-00369] c09 N70-36
[NASA-CASE-NPO-10070] c15 N71-2/3/2 Infusible polymer production from reaction of	Electrical connection for printed circuits on
polyfunctional epoxy resins with	common board, using bellows principle in riv
polyfunctional aziridine compounds	[NASA-CASE-XNP-05082] c15 N70-41
FNASA-CASE-NPO-10701] C06 N71-28620	Blectrical spot terminal assembly for printed
process for premaring high molecular welght	circuit boards [NASA-CASE-NPO-10034] c15 N71-17
polyaryloxysilanes from lower molecular weight	Development and characteristics of polyimide
forms	impregnated laminates with fiberglass cloth
[NASA-CASE-XMF-08674] C06 N71-28807 Organometallic compounds of niobium and tantalum	backing for application as printed circuit
useful for film deposition	broads
[NASA-CASE-XNP-04023] C06 N71-28808	[NASA-CASE-MFS-20408] c18 N73-12
Description of method for making homogeneous	Device for bending leads projecting from print
foamed materials in weightless environment	circuit boards [NASA-CASE-MFS-22133-1] c15 N73-18
using materials having different physical	Techniques for packaging and mounting printed
properties [NASA-CASE-XHF-09902] c15 N72-11387	circuit boards
Method to produce high purity copper fluoride by	[NASA-CASE-MFS-21919-1] c10 N73-25
heating copper hydroxyfluoride powder and	Viscoelastic shock absorbing mount for
subjecting to flowing fluorine gas	electrical circuit board [NASA-CASE-NPO-13253-1] c15 N73-3
[NASA-CASE-LEW-10794-1] c06 N72-17093	[NASA-CASE-NPO-13253-1] C15 N73-3' CIRCUIT BREAKERS
Pumping and metering dual piston system and	Interrupter switching device utilizing
monitor for reaction chamber constituents [NASA-CASE-GSC-10218-1] c15 N72-21465	electrodes and mercury filled capillary tube
Development of apparatus for producing metal	in which current flow vaporizes mercury as
powder particles of controlled size	circuit breaker rwasa-case-rwp-022511 c12 N71-2
[NASA-CASE-XLE-06461-2] C17 N72-28535	[NASA-CASE-INP-02251] C12 N/1-2 Single electrical circuit component combining
Chemical release system for barium free atoms	diode, fuse, and blown indicator with
and barium ions [NASA-CASE-LAR-10670-21	elongated tube of heat resistant transparen
[NASA-CASE-LAR-10670-2] c13 N72-29425 Chemical spot tests for identification of	material
titanium and titanium alloys used in aerospace	[NASA-CASE-XKS-03381] c09 N71-2
vehicles	Electrical circuit selection device for
[NASA-CASE-LAR-10539-1] c17 N73-12547	simulating stage separation of flight wehic (NASA-CASE-XKS-046311 c10 N71-2
Self-cycling fluid heater for heating continuous	(NASA-CASE-IKS-04631] c10 N/1~2 Electromagnetic braking arrangement for
fluid stream to ultrahigh temperatures to facilitate chemical reactions	controlling rotor rotation in electric moto
[NASA-CASE-MSC-15567-1] c33 N73-16918	rnasa-case-xnp-069361 c15 N71-2
olarian announce for production of	Relay circuit breaker with magnetic latching
Chemical process for production of	Weldl Clindin promon of an animal and
Chemical process for production of polyisobutylene compounds and application as	provide conductive and nonconductive paths
polyisobutylene compounds and application as solid rocket propellant binder	provide conductive and nonconductive paths current devices
polyisobutylene compounds and application as solid rocket propellant binder [NASA-CASE-NPO-10893] c27 N73-22710	provide conductive and nonconductive paths current devices [NASA-CASE-MSC-11277] c09 N71-2
polyisobutylene compounds and application as solid rocket propellant binder [NASA-CASE-NPO-10893] c27 N73-22710 Preparation of stable polyurethane polymer by	provide conductive and nonconductive paths current devices [NASA-CASE-MSC-11277] c09 N71-2 CIRCUIT DIAGRAMS
polyisobutylene compounds and application as solid rocket propellant binder [NASA-CASE-NPO-10893] c27 N73-22710 Preparation of stable polyurethane polymer by reacting polymer with diisocyanate	provide conductive and nonconductive paths current devices [NASA-CASE-MSC-11277] c09 N71-2 CIRCUIT DIAGRAMS Excitation and detection circuitry for flux
polyisobutylene compounds and application as solid rocket propellant binder [NASA-CASE-NPO-10893]	provide conductive and nonconductive paths current devices [NASA-CASE-MSC-11277] c09 N71-2 CIRCUIT DIAGRAMS Excitation and detection circuitry for flux responsive magnetic head [NASA-CASE-XNP-04183] c09 N69-2
polyisobutylene compounds and application as solid rocket propellant binder [NASA-CASE-NPO-10893] c27 N73-22710 Preparation of stable polyurethane polymer by reacting polymer with diisocyanate [NASA-CASE-MFS-10506] c06 N73-30100 Preparation of polyurethane polymer by reacting	provide conductive and nonconductive paths current devices [NASA-CASE-MSC-11277] c09 N71-2 CIRCUIT DIAGRAMS Excitation and detection circuitry for flux responsive magnetic head [NASA-CASE-XNP-04-183] c09 N69-2 Impedance transformation device for signal mi
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polyisobutylene compounds and application as solid rocket propellant binder [NASA-CASE-NPO-10893]	provide conductive and nonconductive paths current devices [NASA-CASE-MSC-11277] c09 N71-2 CIRCUIT DIAGRAMS Excitation and detection circuitry for flux responsive magnetic head [NASA-CASE-XNP-04183] c09 N69-2 Impedance transformation device for signal mi [NASA-CASE-XGS-01110] c07 N69-2 Design of transistorized ring counter circuit with special steering and triggering circuit
polyisobutylene compounds and application as solid rocket propellant binder [NASA-CASE-NPO-10893]	provide conductive and nonconductive paths current devices [NASA-CASE-MSC-11277] c09 N71-2 CIRCUIT DIAGRAMS Excitation and detection circuitry for flux responsive magnetic head [NASA-CASE-XNP-04183] c09 N69-2 Impedance transformation device for signal mi [NASA-CASE-XGS-01110] c07 N69-2 Design of transistorized ring counter circuit with special steering and triggering circuit [NASA-CASE-XGS-03095] Solid state switching circuit design to incre
polyisobutylene compounds and application as solid rocket propellant binder [NASA-CASE-NPO-10893]	provide conductive and nonconductive paths current devices [NASA-CASE-MSC-11277] c09 N71-2 CIRCUIT DIAGRAMS Excitation and detection circuitry for flux responsive magnetic head [NASA-CASE-XNP-04183] c09 N69-2 Impedance transformation device for signal mi [NASA-CASE-XGS-01110] Design of transistorized ring counter circuit with special steering and triggering circui [NASA-CASE-XGS-03095] c09 N69-2 Solid state switching circuit design to incre current capacity of low rated relay contact
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polyisobutylene compounds and application as solid rocket propellant binder [NASA-CASE-NPO-10893]	provide conductive and nonconductive paths current devices [NASA-CASE-MSC-11277] co9 N71-2 CIRCUIT DIAGRAMS Excitation and detection circuitry for flux responsive magnetic head [NASA-CASE-XNP-04483] co9 N69-2 Impedance transformation device for signal mi [NASA-CASE-XGS-01110] co7 N69-2 Design of transistorized ring counter circuit with special steering and triggering circui [NASA-CASE-XGS-03095] Solid state switching circuit design to incre current capacity of low rated relay contact [NASA-CASE-INP-09228] Extra-long monostable multivibrator employing bistable semiconductor switch to allow charging of timing circuit [NASA-CASE-XGS-00381] co9 N70-3
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polyisobutylene compounds and application as solid rocket propellant binder [NASA-CASE-NPO-10893]	provide conductive and nonconductive paths current devices [NASA-CASE-MSC-11277] c09 N71-2 CIRCUIT DIAGRAMS Excitation and detection circuitry for flux responsive magnetic head [NASA-CASE-XNP-04183] c09 N69-2 Impedance transformation device for signal mi [NASA-CASE-XGS-01110] c07 N69-2 Design of transistorized ring counter circuit with special steering and triggering circui [NASA-CASE-XGS-03095] c09 N69-2 Solid state switching circuit design to incre current capacity of low rated relay contact [NASA-CASE-INP-09228] c09 N69-2 Extra-long monostable multivibrator employing bistable semiconductor switch to allow charging of timing circuit [NASA-CASE-XGS-0381] Frequency shift keyed demodulator - circuit diagrams [NASA-CASE-XGS-02889] c07 N71-1 Difference indicating circuit used in
polyisobutylene compounds and application as solid rocket propellant binder [NASA-CASE-NPO-10893]	provide conductive and nonconductive paths current devices [NASA-CASE-MSC-11277] co9 N71-2 CIRCUIT DIAGRAMS Excitation and detection circuitry for flux responsive magnetic head [NASA-CASE-XNP-04483] co9 N69-2 Impedance transformation device for signal mi [NASA-CASE-XGS-01110] co7 N69-2 Design of transistorized ring counter circuit with special steering and triggering circui [NASA-CASE-XGS-03095] co9 N69-2 Solid state switching circuit design to incre current capacity of low rated relay contact [NASA-CASE-INP-09228] co9 N69-2 Extra-long monostable multivibrator employing bistable semiconductor switch to allow charging of timing circuit [NASA-CASE-XGS-00381] co9 N70-3 Frequency shift keyed demodulator - circuit diagrams [NASA-CASE-XGS-02889] Difference indicating circuit used in conjunction with device measuring
polyisobutylene compounds and application as solid rocket propellant binder [NASA-CASE-NPO-10893]	provide conductive and nonconductive paths current devices [NASA-CASE-MSC-11277] c09 N71-2 CIRCUIT DIAGRAMS Excitation and detection circuitry for flux responsive magnetic head [NASA-CASE-XNP-04183] c09 N69-2 Impedance transformation device for signal mi [NASA-CASE-XGS-01110] c07 N69-2 Design of transistorized ring counter circuit with special steering and triggering circuit [NASA-CASE-XGS-03095] c09 N69-2 Solid state switching circuit design to incre current capacity of low rated relay contact [NASA-CASE-INP-09228] c09 N69-2 Extra-long monostable multivibrator employing bistable semiconductor switch to allow charging of timing circuit [NASA-CASE-XGS-0381] c09 N70-3 Frequency shift keyed demodulator - circuit diagrams [NASA-CASE-XGS-02889] c07 N71-1 Difference indicating circuit used in conjunction with device measuring gravitational fields
polyisobutylene compounds and application as solid rocket propellant binder [NASA-CASE-NPO-10893]	provide conductive and nonconductive paths current devices [NASA-CASE-MSC-11277] c09 N71-2 CIRCUIT DIAGRAMS Excitation and detection circuitry for flux responsive magnetic head [NASA-CASE-XNP-04183] c09 N69-2 Impedance transformation device for signal mi [NASA-CASE-XGS-01110] c07 N69-2 Design of transistorized ring counter circuit with special steering and triggering circui [NASA-CASE-XGS-03095] c09 N69-2 Solid state switching circuit design to incre current capacity of low rated relay contact [NASA-CASE-INP-09228] c09 N69-2 Extra-long monostable multivibrator employing bistable semiconductor switch to allow charging of timing circuit [NASA-CASE-XGS-00381] c09 N70-3 Frequency shift keyed demodulator - circuit diagrams [NASA-CASE-XGS-02889] c07 N71-1 Difference indicating circuit used in conjunction with device measuring gravitational fields [NASA-CASE-XNF-08274] c10 N71-1
polyisobutylene compounds and application as solid rocket propellant binder [NASA-CASE-NPO-10893]	provide conductive and nonconductive paths current devices [NASA-CASE-MSC-11277] c09 N71-2 CIRCUIT DIAGRAMS Excitation and detection circuitry for flux responsive magnetic head [NASA-CASE-XNP-04183] c09 N69-2 Impedance transformation device for signal mi [NASA-CASE-XGS-01110] Design of transistorized ring counter circuit with special steering and triggering circuit [NASA-CASE-XGS-03095] c09 N69-2 Solid state switching circuit design to incre current capacity of low rated relay contact [NASA-CASE-INP-09228] c09 N69-2 Extra-long monostable multivibrator employing bistable semiconductor switch to allow charging of timing circuit [NASA-CASE-XGS-0381] c09 N70-3 Frequency shift keyed demodulator - circuit diagrams [NASA-CASE-XGS-02889] c07 N71-1 Difference indicating circuit used in conjunction with device measuring gravitational fields [NASA-CASE-XNP-08274] c10 N71-1 High voltage transistor circuit [NASA-CASE-XNP-06937] c09 N71-1
polyisobutylene compounds and application as solid rocket propellant binder [NASA-CASE-NPO-10893]	provide conductive and nonconductive paths current devices [NASA-CASE-MSC-11277] co9 N71-2 CIRCUIT DIAGRAMS Excitation and detection circuitry for flux responsive magnetic head [NASA-CASE-XNP-04183] co9 N69-2 Impedance transformation device for signal mi [NASA-CASE-XGS-01110] co7 N69-2 Design of transistorized ring counter circuit with special steering and triggering circuit [NASA-CASE-XGS-03095] co9 N69-2 Solid state switching circuit design to incre current capacity of low rated relay contact [NASA-CASE-INP-09228] co9 N69-2 Extra-long monostable multivibrator employing bistable semiconductor switch to allow charging of timing circuit [NASA-CASE-XGS-00381] co9 N70-3 Frequency shift keyed demodulator - circuit diagrams [NASA-CASE-XGS-02889] co7 N71-1 Difference indicating circuit used in conjunction with device measuring gravitational fields [NASA-CASE-XNF-08274] c10 N71-1 High voltage transistor circuit
polyisobutylene compounds and application as solid rocket propellant binder [NASA-CASE-NPO-10893]	provide conductive and nonconductive paths current devices [NASA-CASE-MSC-11277] c09 N71-2 CIRCUIT DIAGRAMS Excitation and detection circuitry for flux responsive magnetic head [NASA-CASE-XNP-04183] c09 N69-2 Impedance transformation device for signal mi [NASA-CASE-XGS-01110] Design of transistorized ring counter circuit with special steering and triggering circuit [NASA-CASE-XGS-03095] c09 N69-2 Solid state switching circuit design to incre current capacity of low rated relay contact [NASA-CASE-INP-09228] c09 N69-2 Extra-long monostable multivibrator employing bistable semiconductor switch to allow charging of timing circuit [NASA-CASE-XGS-0381] c09 N70-3 Frequency shift keyed demodulator - circuit diagrams [NASA-CASE-XGS-02889] c07 N71-1 Difference indicating circuit used in conjunction with device measuring gravitational fields [NASA-CASE-XNP-08274] c10 N71-1 High voltage transistor circuit [NASA-CASE-XNP-06937] c09 N71-1

[NASA-CASE-MFS-06074] c15 N71-20393	High voltage divider system for attenuating high
Circuitry for developing autocorrelation	voltages to convenient levels suitable for
function continuously within signal receiving	introduction to measuring circuits [NASA-CASE-XLE-02008] C09 N71-21583
period [NASA-CASE-XNP-00746] c07 N71-21476	[MASA-CASE-XLE-02008] CO9 N71-21583 Negation of magnetic fields produced by thin
[NASA-CASE-XNP-00746] c07 N71-21476 Single electrical circuit component combining	waferlike circuit elements in space vehicles
diode, fuse, and blown indicator with	[NASA-CASE-XGS+03390]
elongated tube of heat resistant transparent	Circuits for controlling reversible dc motor
material	[NASA-CASE-XNP-07477] C09 N71+26092
[NASA-CASE-XKS-03381] c09 N71-22796	Device for rapid adjustment and maintenance of
Design and development of buck-boost voltage	temperature in electronic components [NASA-CASE-XNP-02792] c14 N71-28958
regulator circuit with additive or subtractive alternating current impressed on variable	Pulse generating circuit for operation at very
direct current source voltage	high duty cycles and repetition rates
[NASA-CASE-GSC-10735-1] c10 N71-26085	[NASA-CASE-XNP-00745] c10 N71-28960
Design of active RC network capable of operating	Development of electric circuit for production
at high Q values with reduced sensitivity to	of different pulse width signals [Nasa-Case-Ila-07788] c09 N71-29139
gain amplification and number of passive	[NASA-CASE-ILA-07788] c09 N71-29139 Sensing circuit for instantaneous reaction to
components [NASA-CASE-ARC-10042-2]	power overloads
Precision surface cutter for screen circuit	[NASA-CASE-GSC-10667-1] c10.N71-33129
negatives and other microcircuits	Electronic signal-handling circuit with constant
, [NASA-CASE-XLA-09843] c15 N72-27485	input impedance
Control circuit for nuclear thermionic converter	[NASA-CASE-ARC-10348-1] c10 N72-10205 Pulsed excitation voltage circuit for strain
power source for spacecraft [NASA-CASE-NPO-13114-1]	gage bridge transducers
Symmetrical odd-modulus frequency divider	[NASA-CASE-FRC-10036] C09 N72-22200
[NASA-CASE-NPG-13426-1] cO9 N74-18869	Development of thermal to electric power
Self-regulating proportionally controlled	conversion system using solid state switches
heating apparatus and technique	of electrical currents to load for Seebeck
[NASA-CASE-GSC-11752-1] c33 N74-19583 CIRCUIT PROTECTION	effect compensation [NASA-CASE-NPO-11388] c03 N72-23048
Use of silicon controlled rectifier shorting	Inductive-capacitive loops as load insensitive
circuit to protect thermoelectric generator	power converters
source from thermal destruction	[NASA-CASE-ERC-10268] c09 N72-25252
[NASA-CASE-XGS-04808] c03 N69-25146	Fail-safe multiple transformer circuit
Spark gap type protective circuit for fast	configuration [NASA-CASE-NPO-11078] c09 N72-25262
sensing and removal of overvoltage conditions [NASA-CASE-XAC-08981] c09 N69-39897	Precision surface cutter for screen circuit
Development of in-line fuse device for	negatives and other microcircuits
protection of electric circuits from excessive	[NASA-CASE-XLA-09843] c15 N72-27485
currents and voltages	Bridge-type gain control circuit
[NASA-CASE-HSC-12135-1] c09 N71-12526	[NASA-CASE-GSC-10786-1] c10 N72-28241
Overcurrent protecting circuit for push-pull	Active tuned circuits for microelectronic construction
transistor amplifiers [NASA-CASB-HSC-12033-1] c09 N71-13531	[NASA-CASE-GSC-11340-1] c10 N72-33230
Solder coating process for printed copper	Thermochromic compositions for detecting heat
circuit protection	levels in electronic circuits and devices
[NASA-CASE-XMP-01599] c09 N71-20705	[NASA-CASE-NPO-10764-1] C14 N73+14428
Power supply with overload protection for series	Initial systole and dicrotic notch detecting circuitry for monitoring arterial pressure puls
stage transistor [NASA-CASE-IMS-00913] c10 N71-23543	[NASA-CASE-LEW-11581-1] c05 N73-18139
Selective plating of etched circuits without	Electrodeless lamp circuit driven by induction
removing previous plating	[NASA-CASE-MFS-21214-1] G09 N73-30181
[NASA-CASE-XGS-03120] c15 N71-24047	CIRCULAR CONES
Circuit design for failure sensing and	Optical apparatus for visual detection of roundness and regularity of cone surfaces
protecting low voltage electric generator and power transmission networks	[NASA-CASE-XMF-00462] c14 B70-34298
[NASA-CASE-GSC-10114-1] c10 N71-27366	CIRCULAR CYLINDERS
Sensing circuit for instantaneous reaction to	Hodulating and controlling intensity of light
power owerloads	beam from high temperature source by
[NASA-CASE-GSC-10667-1] c10 N71-33129	servocontrolled rotating cylinders [NASA-CASE-IMS-04300] c09 N71-19479
Current protection equipment for saturable core transformers	CIRCULAR POLARIZATION
[NASA-CASE-ERC-10075-2] c09 N72-22196	Left and right hand circular electromagnetic
Development of process for forming insulating	polarization excitation by phase shifter and
layer between two electrical conductor or	hybrid networks
semiconductor materials rwss-case-les-10489-11 c15 N72-25447	[NASA-CASE-GSC-10021-1] cog N71-24595
[NASA-CASE-LEH-10489-1] c15 N72-25447 Phase protection system for ac power lines	Planar array circularly polarized antenna with wall slot excitation
[NASA-CASE-HSC-17832-1] c10 N74-14956	[NASA-CASE-NPO-10301] c07 N72-11148
Overvoltage protection network	Circularly polarized antenna with linearly
[NASA-CASE-ARC-10197-1] CO9 N74-17929	polarized pair of elements
CIRCUITS	[NASA-CASE-ERC-10214] c09 N72-31235
pistribution of currents to circuits using electrical adaptor	CIRCULAR TOBES Evacuated displacement compression molding
[NASA-CASE-XLA-01288] c09 N69-21470	[NASA-CASE-LAR-10782-1] c15 N74-14133
Nondestructive interrogating and state changing	CIRCULATORS (PHASE SHIFT CIRCUITS)
circuit for binary magnetic storage elements	Development of electromagnetic wave transmission
[NASA-CASE-XGS-00174] c08 N70-34743	line circulator and application to parametric
Electronic circuit system for controlling electric motor speed	amplifier circuits [NASA-CASE-XNP-02140] c09 N71-23097
r wasa-Case-IMF-01129] c09 N70-38712	CLADDING CUSE THE OZITO COS N/1-2309/
Starting circuit design for initiating and	Two step process for cladding nuclear fuels with
maintaining arcs in vapor lamps	tungsten
[NASA-CASE-INP-01058] c09 N71-12540	[NASA-CASE-XNP-03704] c15 N71-17695
	CIABBING CIDCHITC
Voltage drift compensation circuit for analog-to-digital converter	CLAMPING CIRCUITS Clamped amplifier circuit for horizon scanner

measurement of specified parameters [NASA-CASE-XGS-01784] c10 N71-20782	[NASA-CASE-XNP-01501] c21 N70-41930 Digital phase-locked loop for accumulator output signal phase-locked to input signal
CLAMPS Portable device for aligning surfaces of two adjacent wall or sheet sections for joining at	[NASA-CASE-GSC-11623-1] c10 N73-31202 CLOSED ECOLOGICAL SYSTEMS
point of junction	Potable water reclamation from human wastes in zero-G environment
[NASA-CASE-XMF-01452] c15 N70-41371 Hydraulic clamping of sheet stock specimens	[MASA-CASE-XLA-03213] CO5 N71-11207
[NASA-CASE-XLA-05100] c15 N71-17696 Inertial component clamping assembly design for	Spacecraft with artificial gravity and earthlike atmosphere
spacecraft guidance and control system mounting	[NASA-CASE-LEW-11101-1] C31 N73-32750
[NASA-CASE-XMS-02184] c15 N71-20813 Design and development of module joint clamping	CLOSURES Design and characteristics of device for closing
device for application to solar array	canisters under bigh vacuum conditions [NASA-CASE-XLA-01446] c15 N71-21528
construction [NASA-CASE-XNP-02341] c15 N71-21531	CLOUDS (RETEOROLOGY) Monitor for electric fields of cloud formations
Quick attach mechanism for moving or stationary wires, ropes, or cables	in particular area
[NASA-CASE-XPR-05421] c15 N71-22994 CLAYS	[NASA-CASE-KSC-10731-1] c14 H73-10461 pewelopment and characteristics of apparatus for
White paint production by heating impure	measuring intensity of electric field in atmosphere
aluminum silicate clay having low solar absorptance	[NASA-CASE-RSC-10730-1] c14 N73-32318
[NASA-CASE-XNP-02139] c18 N71-24184 CLBAN ROOMS	COATING Solder coating process for printed copper
Environmentally controlled suit for working in	circuit protection [NASA-CASE-XMF-01599] c09 N71-20705
sterile chamber [NASA-CASE-LAR-10076-1]	High thermal emittance black surface coatings
CLEANERS Device for back purging thrust engines	and process for applying to metal and metal alloy surfaces used in radiative cooling of
[NASA-CASE-XMS-04826] C28 N71-28849	spacecraft [NASA-CASE-XLA-06199]
Noncontaminating swab with absorbent end covered with netted envelope to prevent egress of	COATINGS
absorbent material [NASA-CASE-MPS-18100] c15 N72-11390	Bonded solid lubricant coatings of calcium fluoride and binder for bigh temperature
Fiber separating and cleaning method and apparatus	stability [NASA-CASE-IMS-00259] c18 N70-36406
[NASA-CASE-LAR-11224-1] c15 874-20072 CLEANING	Contrast color coating for meteoroid impact
Device for removing plastic dust cover from digital computer disk packs for inspection and	position locator for space vehicles [NASA-CASE-LAR-10629-1] c14 N73-32348
cleaning [NASA-CASE-LAR-10590-1] c15 N70-26819	CONVIAL CABLES Design and development of device for cooling
CLEAR AIR TUBBULENCE	inner conductor of coaxial cable
Development of radiometric sensor to warn aircraft pilots of region of clear air	Design and development of electric connectors
turbulence along flight path [NASA-CASB-ERC-10081] c14 N72-28437	for rigid and semirigid coaxial cables [NASA-CASE-KNP-04732] c09 N71-2085
Remote detection and measurement of clear air	Transducer circuit design with single coaxial
turbulence using pulsed laser radar [NASA-CASE-MFS-21244-1] c20 M73-21523	cable for input and output connections including incorporation into miniaturized
CLIMBING PLIGHT Aircraft indicator for pilot control of takeoff	catheter transducer [NASA-CASE-ARC-10132-1] c09 N71-2459
roll, climbout path and verticle flight path	Collapsible antenna boom and coaxial transmission line having inflatable inner tube
in poor visibility conditions [NASA-CASE-XLA-00487] c14 N70-40157	[NASA-CASE-MF5-20068] c07 N7.1-27.19
CLINICAL MEDICINE Automatic system for measuring and monitoring	Vibration isolation system, using coaxial helical compression springs
systolic and diastolic blood pressure in humans	[NASA-CASE-NPO-11012] c15 N72-1139 Development and characteristics of hermetically
[NASA-CASE-MSC-13999-1] c05 N72-25142 Process for preparing calcium phosphate salts	sealed coaxial package for containing
for tooth repair [NASA-CASE-ERC-10338] c04 H72-33072	microwave semiconductor components [NASA-CASE-GSC-10791-1] c15 N73-1446
Heat pipe production of high purity radiologine for thyroid measurements	Coaxial anode for gas radiation counter for suppressing background ionization interference
[NASA-CASE-LEW-11390-3] c11 N73-28128	[NASA-CASE-GSC-11492-1] c14 N73-2849
Surgical liquification pump for removing nacerated tissue from eye	System for stabilizing cable phase delay utilizing a coaxial cable under pressure
[NASA~CASE-LEW-12051-1] c04 N73-32000 CLOCKS	[NASA-CAŠE-NPO-13138-1] G09 N74-1792 COBALT ALLOYS
Time synchronization system for synchronizing	High strength, corrosion resistant cobalt-based
clocks at remote locations with master clock using moon reflected coded signals	alloys for aerospace structures [NASA-CASE-XLE-00726] c17 N71-1564
[NASA-CASE-NPO-10143] c10 N71-26326 Circuit for measuring wide range of pulse rates	High temperature cobalt-base alloy resistant to corrosion by liquid metals and to sublimation
by utilizing high capacity counter	in vacuum environment
[NASA-CASE-XNP-06234] c10 N71-27137 Fault-tolerant clock apparatus for use in	[MASA-CASE-KLE-02991] C17 N71-1602 High temperature ferromagnetic cobalt-base alloy
digital logic Systems which maintains output pulses during component failure	for electrical power generating equipment [NASA-CASE-XLE-03629] c17 N71-2324
[NASA-CASE-MSC-12531-1] c14 N73-22386	Cobalt-tungsten alloys with superior strength at
CLOSED CIRCUIT TRLEVISION Development of spacecraft docking system for	elevated temperatures [NASA-CASE-LEW-10436-1] c17 N73-3241
optical alignment of spacecraft using television camera system	COCKPIT SINULATORS Controlled visibility device for simulating poor
[NASA-CASE-MSC-12559-1] c31 N73-26879	visibility conditions in training pilots in
CLOSED CYCLES Closed loop radio communication ranging system	instrument landing and flight procedures [NASA-CASE-XFR-04147] c11 N71-1074
to determine distance between moving airborne vehicle and fixed ground station	CODERS Design and development of encoder/decoder system
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to generate binary code which is function of	[NASA-CASE-LAR-10403] C21 N71-11766
outputs of plurality of bistable elements	Satellite aided aircraft collision avoidance
[NASA-CASE-NPO-10342] c10 N71-33407	system effective for large number of aircraft
Biorthogonal encoder with modular design	[NASA-CASE-ERC-10090]
[NASA-CASE-NPO-10629] c08 N72-18184 cobing	Vertically stacked collinear array of
Description of error correcting methods for use	independently fed omnidirectional antennas for use in collision warning systems on commercial
with digital data computers and apparatus for	aircraft
encoding and decoding digital data	[NASA-CASE-LAR-10545-1] CO9 N72-21244
[NASA-CASE-XNP-02748] c08 N71-22749	Economical satellite aided vehicle avoidance
Binary concatenated coding system to measure,	system for preventing midair collisions
count, and record numerical information using	[NASA-CASE-ERC-10419] c21 N72-21631
minimized number of digits [NASA-CASE-MSC-14082-1] c08 N73-16163	Development and operating principles of collision warning system for aircraft accident
Apparatus and digital technique for coding rate	prevention
data	[NASA-CASE-HQN-10703]
[NASA-CASE-LAR-10128-1] c08 N73-20217	Development and characteristics of electronic
CORUZYBES	signalling system and data processing
Biodssay of flavin coenzymes	equipment for warning systems to avoid midair collisions between aircraft
[NASA-CASE-GSC-10565-1] c06 N72-25149 COHERENT RECTROHAGNETIC RADIATION	[NASA-CASE-LAR-10717-1] c21 N73-30641
Design of folded traveling wave maser structure	COLLOIDAL GENERATORS
[NASA-CASE-XNP-05219] c16 N71-15550	Colloidal particle generator for electrostatic
Development of focused image holography with	engine for propelling space vehicles
extended sources	[NASA-CASE-XLE-00817]
[NASA-CASE-ERC-10019] c16 N71-15551	COLLOIDAL PROPELLANTS
COMERRAT LIGHT Hybrid holographic system using reference,	Colloidal particle generator for electrostatic engine for propelling space wehicles
transmitted, and reflected beams simultaneously	[NASA-CASE-XLE-00817]
[NASA-CASE-MFS-20074] c16 N71-15565	Low density and low viscosity magnetic
Development of apparatus for amplitude	propellant for use under zero gravity conditions
modulation of diode laser by periodic	[NASA-CASE-XLE-01512] C12 N70-40124
discharge of direct current power supply	Electrostatic microthrust propulsion system with
[NASA-CASE-XMS-04269] c16 N71-22895	annular slit colloid thrustor [NASA-CASE-GSC-10709-1] c28 N71-25213
Coherent light beam device and method for measuring gas density in vacuum chambers	COLOR
[NASA-CASE-XER-11203] c14 N71-28994	Chemical spot test for identifying magnesium or
COHERENT BADIATION	magnesium alloys used in aerospace applications
Method and apparatus for producing intense,	[NASA-CASE-LAR-10953-1] c17 N73-27446
coherent, monochromatic light from low	Contrast color coating for meteoroid impact
temperature plasma [NASA-CASE-XNP-04167-3] c25 N72-21693	position locator for space vehicles [NASA-CASE-LAR-10629-1] c14 N73-32348
[NASA-CASE-KNP-04167-3] c25 N72-21693 Design and development of multichannel laser	COLOR PHOTOGRAPHY
remote control system using modulated	Color photointerpretation of interference colors
helium-neon laser as transmitter and light	reflected from thin film oil-coated components
collector as receiving antenna	in moving gases for gas flow visualization
[NASA-CASE-LAR-10311-1] c16 N73-16536	[NASA-CASE-XMF-01779-] c12 N71-20815
Monitoring atmospheric pollutants with a heterodyne radioneter transmitter-receiver	COLOR TELEVISION Color television system utilizing single gun
[NASA-CASE-NPO-11919-1] c14 N74-11284	current sensitive color cathode ray tube
Apparatus for scanning the surface of a	[NASA-CASE-ERC-10098]
cylindrical body	Color television system for allowing monochrone
[NASA-CASE-NPO-11861-1] c14 N74-20009	television camera to produce color pictures
Laser system with an antiresonant optical ring	[NASA-CASE-HSC-12146-1] c07 H72-17109 Video tape recorder with scan conversion
optical properties and performance of beam splitter with equal transmission and	playback for color television signals
reflection coefficients	[NASA-CASE-NPO-10166-1] c07 N73-22076
[NASA-CASE-HQN-10844-1] c16 N74-20118	COLOR VISION
COLD CATHODES	Color perception tester for testing color code
Cold cathode discharge tube with pressurized gas	perceptiveness of individuals
cell for meteoroid detection in space [NASA-CASE-LAR-10483-1] c14 N73-32327	[NASA-CASE-KSC-10278] c05 b72-16015
COLD HORKING	Specific wavelength colorimeter for measuring
Cold metal hydroforming techniques using epoxy	given solute concentration in test sample
molds for counteracting creep or stretch	[NASA-CASE-HSC-14081-1] c14 N73-18443
[NASA-CASE-XLE-05641-1] c15 N71-26346	COLUMNS (PROCESS ENGINEERING)
COLLAPSE Collapsible piston for hypervelocity gun	Micropacked column for rapid chromatographic analysis using low gas flow rates
[NASA-CASE-HSC-13789-1] c11 N73-32152	[NASA-CASE-XNP-04816] c06 N69-39936
COLLECTION	CORBINATORIAL AMALYSIS
Automatic liquid collection and disposal system	Apparatus for computing square roots
[NASA-CASE-LAR-11071+1] c15 N73-18474	[NASA-CASE-XGS-04768] COS N71-19437
COLLINATION Long range laser traversing system	COHBUSTION Device for detection of combustion light
[NASA-CASE-GSC-11262-1] c16 N74-21091	preceding gaseous explosions
COLLIBATORS	[NASA-CASB-LAR-10739-1] C14 N73-16484
x ray collimating structure for focusing	CONBUSTION CHANBERS
radiation directly onto detector	Rocket chamber leak test fixture using tubular
[NASA-CASE-XHQ-04106] c14 N70-40240	plug
Pocusing optical collimator for high resolution scanning of electromagnetic radiations,	[NASA-CASE-MPR-09479] c14 N69-27503
neutrons, and other particles	Propellant injectors for rocket combustion chambers
[NASA-CASE-HFS-20932-1] c14 n73-27380	[NASA-CASE-XLE-00103] c28 N70-33241
Collimator for analyzing spatial location of	Hetal ribbon urapped outer wall for
near and distant sources of radiation	regeneratively cooled combustion chamber
[NASA-CASE-MFS-20546-2] c14 N73-30389	[NASA-CASE-XLE-00164] c15 N70-36411
COLLISION AVOIDANCE Cooperative Doppler radar system for avoiding	Apparatus for cooling and injecting hypergolic propellants into combustion chamber of small
midair collisions	rocket engine
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[NASA-CASE-XLE-00303] c15 N70-36535	errors introduced by frequency spectrum shifts
Ignition system for monopropellant combustion	[NASA-CASE-XNP-01306] c07 N71-20814 Binary data decoding device for use at receiving
devices	end of communication channel
[NASA-CASE-XNP-00249] c28 y70-38249 Fabrication method for lightweight	[NASA-CASE-NPO-10118] c07 N71-24741
regeneratively cooled combustion chamber of	Development of communication system for
channel construction	transmitting differential phase shift keyed
[NASA-CASE-XLE-00150] C28 N/U-41818	signals from input data bits without timing or phase reference signals
Rocket combustion chamber stability by	[NASA-CASE-MSC-14065-1] c07 N73-10215
controlling transverse instability during propellant combustion	Design and development of closed-loop, digital
[NASA-CASE-XLE-04603] c33 N71-21507	data communication system using optimum number
Regenerative cooling system for rocket	of interconnecting wires
combustion chamber using coolant tunes in	[NASA-CASE-MSC-13912-1] CO7 N73-12151 Characteristics of data-aided carrier tracking
convergent-divergent nozzle [Naca-Casp-xLR-04857]	loop used for tracking carrier in angle
[NASA-CASE-XLE-04857] C28 N71-23968 Rocket engine injector orifice to accommodate	modulated communications system
changes in density, velocity, and pressure,	[NASA-CASE-NPO-11282] c10 N73-16205
thereby maintaining constant mass flow rate or	Doppler compensated communication system for
propellant into rocket combustion Chamber	locating supersonic transport position [MASA-CASE-GSC-10087-4] c07 N73-20174
[NASA-CASE-XLE-03157] c28 N71-24736	COMMUNICATION SATELLITES
Coaxial injector for mixing liquid propellants within combustion chambers	Erectable, inflatable, radio signal reflecting
[NASA-CASE-NPO-11095] c15 #72-25455	passive communication satellite
Transpiration-cooled rocket chamber formed of	[NASA-CASE-XLA-00210] c30 N70-40309
porous metal wall	Development of antenna system for spin stabilized communication satellite for
[NASA-CASE-LEW-11118-1] c15 N72-32501	simultaneous reception and transmission of data
Airflow distribution control in gas turbine	[HASA-CASE-KGS-02607] C31 N71-23009
engines [NASA-CASE+LEW-11593-1]	Elimination of tracking occultation problems
Swirl can, full-annulus combustion chambers for	occurring during continuous monitoring of
high performance gas turbine engines	interplanetary missions by using Earth
[NASA-CASE-LEW-11326-1] c23 N73-30665	orbiting communications satellite [NASA-CASE-XAC-06029-1] c31 N71-24813
COMBUSTION CONTROL	Satellite radio communication system with remote
Pressurized gas injection for burning rate control of solid propellants	steerable antenna
[NASA-CASE-XLE-03494] c27 N71-21819	[WASA-CASE-XMP-02389] CO7 N71-28900
COMBUSTION EFFICIENCY	COMMUTATION
Puel injection system for maximum combustion	High speed low level voltage commutating switch [NASA-CASE-XAC-00060] c09 N70-39915
efficiency of rocket engines (NASA-CASE-XLE-001111	COMMUTATORS
[NASA-CASE-XLE-00111] C28 N70-38199 Utilization of inorganic metal-oxidizer	Rocket-borne aspect sensor consisting of
materials in solid rocket propellants	radiation sensor, apertured disk, commutator,
resulting in increased combustion efficiency	and counting circuits [NASA-CASR-XGS-08266] c14 N69-27432
[NASA-CASE-NPO-11975-1] c27 N73-17802	[NASA-CASB-XGS-08266] C14 N69-2/432 Commutator for steering precisely controlled
COMBUSTION PRISICS Characteristics of solid propellant rocket	bidirectional currents through numerous loads
engine with controlled rate of thrust buildup	by use of magnetic core shift registers
operating in vacuum environment	[NASA-CASE-NPO-10743] c08 N72-21199
[NASA-CASE-NPO-11559] c28 N73-24784	COMPARATOR CIRCUITS Describing frequency discriminator using digital
COMBUSTION PRODUCTS Contamination free separation nut eliminating	logic circuits and supplying single binary
combustion products from ambient surroundings	output signal
generated by squib firing	[NASA-CASE-MFS-14322] c08 M71-18692
[NASA-CASE-XGS-01971] c15 N71-15922	Development of pulsed differential comparator
Device for generating and controlling combustion	circuit [NASA-CASE-XLE-03804] c10 N71-19471
products for testing of fire detection system [NASA-CASE-GSC-11095-1] c14 N72-10375	COMPARATORS
COMBUSTION STABILITY	Photometric flow meter with comparator reference
Rocket combustion chamber stability by	means
controlling transverse instability during	[NASA-CASE-XGS-01331] c14 N71-22996
propellant combustion [NASA-CASE-YLE-04603] C33 N71-21507	Characteristics of comparator circuits for comparison of binary numbers in information
[NASA-CASE-XLE-04603] C33 N/1-2150/ COMMAND MODULES	processing system
Energy absorbing crew couch strut for Apollo	[NASA-CASE-KRP-04819] c08 N71-23295
command module	COMPERSATORS
[NASA-CASE-MSC-12279] c15 M72-17450	Star image notion compensator using telescope
COMMUNICATING Communication between computers using two	for maintaining fixed images [NASA-CASE-LAE-10523-1] c19 E72-22444
Communication between computers using two identical communications links	COMPOSITE MATERIALS
[NASA-CASE-NPO-11161] c08 B72-25207	High strength reinforced metallic composites for
COMMUNICATION	applications over wide temperature range
Circuitry for developing autocorrelation	[NASA-CASE-NLE-02428] c17 N70-33288
function continuously within signal receiving	Method for producing fiber reinforced metallic composites with high strength and elasticity
period [NASA-CASE-XNP-00746] c07 N71-21476	over wide temperature range
Superconductive resonant cavity for improved	F NA SA-CRSE-XLE-002311 C17 N70-38198
signal to noise ratio in communication signal	Composites reinforced with short metal fibers or
[NASA-CASE-MSC-12259-2] c07 N72-33146	whiskers and having high tensile strength (NASA-CASE-XLE-00228) c17 870-38490
COMBUBICATION CARLES Method of making molded electric connector for	[NASA-CASE-KLE-00228] c17 H70-38490 Unfired-ceramic, highly reflective composite
use with flat conductor cables	insulation for large launch vehicles
[NASA-CASE-XMY-03498] c15 H71-15986	[NASA-CASE-XMP-01030] c18 N70-41583
Process for making RF shielded cable connector	Preeze casting of metal ceramic and refractory
assemblies and resulting structures	compound powders into plastic slips [NASA-CASE-XLE-00106] c15 N71-16076
[NASA-CASE-GSC-11215-1] c09 N73-28083	[NASA-CASE-NLE-00106] clb N/1-160/6 Preparation and characteristics of lightweight
CONSULTATION EQUIPMENT Nultiplexed communication system design	refractory insulation
including automatic correction of transmission	[WASA-CASE-XMF-05279] C18 N71-16124
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Flexible composite membrane structure impervious	Anti-buckling fatigue test assembly for
to extremely reactive chemicals in rocket	subjecting metal specimen to tensile and
propellants	compressive loads at constant temperature
[NASA-CASE-XNP-08837] c18 N71-16210 Cryostat for flexure fatigue testing of	[NASA-CASE-LAR-10426-1] G32 N74-19528 COMPRESSOR BLADES
composite materials	Process for welding compressor and turbine
[NASA-CASE-XEF-02964] c14 'N71-17659	blades to rotors and discs of jet engines
Description of method for producing metallic	[NASA-CASE-LEB-10533-1] c15 N73-28515
composites reinforced with ceramic and	COMPRESSORS
refractory hard metals that are fibered in place	Thermal pump-compressor for converting solar
[NASA-CASE-XLE-03925] c18 N71-22894	energy -23 N74 47646
Blectrically coupled individually encapsulated solar cell matrix	[NASA-CASE-XLA-00377] G33 N71-17610
[NASA-CASE-NPO-11190] c03 N71-34044	Apparatus for computing square roots
Diffusion bonded graphite reinforced aluminum	[NASA-CASE-XGS-04768] G08 N71-19437
composites	COMPUTER COMPONENTS
[WASA-CASE-MFS-21077] c18 N71-34502	Computer circuit performing both counting and
Heat treatment and tooling for forming shapes	shifting logic operations also capable of
from thermosetting honeycomb core sheets	miniaturization and integration in basic
[NASA-CASE-NPO-11036] c15 N72-24522 Hethod for making fiber composites with high	circuits [NASA-CASE-INP-01753]
strength at high temperatures	[NASA-CASE-INP-01753] COS N71-22897
[NASA-CASE-LEH-10424-2-2] c18 N72-25539	System for digitizing graphic displays
Development of procedure for repairing	[NASA-CASE-NPO-10745] COS N72-22164
fiberglass structures which retains geometry	COMPUTER PROGRAMMING
and strength of original structure	Encoders designed to generate comma free
[NASA-CASE-LAR-10416-1] c15 N72-27527	biorthogonal Reed-Huller type code comprising
Development of thermal compensating structure which maintains uniform length with changes in	conversion of 64 6-bit words into 64 32-bit data for communication purposes
temperature	[NASA-CASE-NPO-10595] c10 N71-25917
[NASA-CASE-MFS-20433] c15 N72-28496	Computer controlled infusion pump for time
Process for developing flame retardant	varying input of calcium into physiological
elastomeric composition textiles for use in	systems
space suits	[NASA-CASE-ARC-10447-1] c05 N73-14092
[NASA-CASE-MSC-14331-1] c18 N73-27501	COMPUTER PROGRAMS
Pabrication of polyphenylquinoxaline composite articles by means of in situ polymerization of	Self testing and repairing computer comprising control and diagnostic unit and rollback
mononers	points for error correction
[NASA-CASE-LEH-11879-1] c18 N74-20152	[NASA-CASE-NPO-10567] c08 N71-24633
COMPOSITE PROPELLARTS	Development of computer program for estimating
Ammonium perchlorate composite propellant with	reliability of self-repair and fault-tolerant
organic Cu/II/ chelate catalytic additive [NASA-CASE-LAR-10173-1] c27 N71-14090	systems with respect to selected system and
[NASA-CASE-LAR-10173-1] c27 N71-14090 COMPOSITE STRUCTURES	mission parameters [NASA-CASE-NPO-13086-1] c15 N73-12495
Inflatable honeycomb panel element for	Development of flight simulator system to show
lightweight structures usable in space	position of joystick displacement
stations and other construction	[NASA-CASE-NPO-11497] c08 N73-25206
[NASA-CASE-KLA-00204] c32 N70-36536 Shrouded Composite propulsion system configuration	COMPUTER STORAGE DEVICES Hagnetic matrix memory system for nondestructive
[NASA-CASE-XLA-01043] c28 H71-10780	reading of information contained in matrix
Development of composite structures for	[NASA-CASE-XMF-05835] c08 N71-12504
spacecraft to serve as anti-neteoroid device	Binary sequence detector with few memory
[NASA-CASE-LAR-10788-1] c31 N73-20880	elements and minimized logic circuit complexity
Improved bonding method in the manufacture of	[NASA-CASE-XNP-05415] c08 N71-12505
continuous regression rate sensor devices [NASA-CASE-LAR-10337-1] c15 N74-14141	Pulsed magnetic core memory element with blocking oscillator feedback for interrogation
COMPRESSED AIR	without loss of digital information
Actuator using compressed gas as driving force	[NASA-CASE-XGS-03303] c08 N71-18595
to control valve handling large liquid flows	Reliable magnetic core circuit apparatus with
[NASA-CASE-XHQ-01208] c15 N70-35409	application in selection matrices for digital
COMPRESSIBLE FLUIDS	Hemories
Capacitor for measuring density of compressible fluid in liquid, gas, or liquid and gas phases	[WASA~CASE-XNP-01318] c10 N71-23033 Time division multiplexed telemetry transmitting
[HASA-CASE-XLE-00143] c14 870-36618	system controlled by programmed memory
Apparatus for tensile strength testing of	[NASA-CASE-GSC-10131-1] CO7 R71-24624
specimen by pressurized fluid	Serial digital decoder design with square
[NASA-CASE-IKS-06250] c14 N71-15600	circuit matrix and serial memory storage units
COMPRESSING	[NASA-CASE-NPO-10150] c08 N71-24650
Method and apparatus for producing very los	Digital memory system with multiple switch cores for driving each word location
temperature refrigeration based on gas pressure balance	[NASA-CASE-XNP-01466] c10 N71-26434
[NASA-CASE-XEP-08877] c15 m71-23025	Redundant nemory for enhanced reliability of
Hethod for compression molding of thermosetting	digital data processing system
plastics utilizing a temperature gradient	[NASA-CASE-GSC-10564] c10 N71-29135
across the plastic to cure the article	Remory device employing semiconductor and
[NASA-CASE-LAR-10489-1] c15 N74-18124 COMPRESSION LOADS	ferroelectric properties of single crystal barium titanate
Pressure transducer for systems for measuring	f 12 A A A A A A A A A A A A A A A A A A
forces of compression	[NASA-CASE-ERC-10307] COS N72-21198 Shared memory for a fault-tolerant computer
[BASA-CASE-NPO-10832] c14 B72-21405	[NASA-CASE-NPO-13139-1] 608 N74-17911
COMPRESSION TESTS	COMPUTER SYSTEMS DESIGN
Development of test apparatus for subjecting	Adaptive voting computer system
netal specimen to tensile and compressive	[NASA-CASE-HSC-13932-1] c08 k74-14920
loads at constant temperature [NASA-CASE-LAE-10426-1] c32 N72-27947	COMPUTERIZED SIMULATION Integrated time shared instrumentation display
Test equipment to prevent buckling of small	for aerospace vehicle simulators
diameter specimens during compression tests	[NASA-CASE-XLA-01952] c08 H71-12507
[NASA-CASE-LAR-10440-1] c14 H73-32323	CORPOTERS
	Telemetry data unit to form multibit words for

use between demodulator and computer	Design and development of quick release connector (NASA-CASE-XLA-01141) c15 N71-13789
[NASA-CASE-XNP-09225] c09 N69-24333 Data compression processor for monitoring analog	[NASA-CASE-XIA-01141] c15 N71-13789 Development and characteristics of strainer for
signals by sampling procedure	flared tube fitting
[NASA-CASE-NPO-10068] COU N/1-19288	[NASA-CASE-XLA-05056] C15 N72-11389
Communication between computers using two	Squib actuated disconnect for spacecraft coupling to launch vehicle
identical communications links	[NASA-CASB-NPO-13172-1] C33 N73-17917
CONCATALA	Process for making RF shielded cable connector
Concave grating spectrometer for use in hear and	assemblies and resulting structures
vacuum ultraviolet regions	[NASA-CASE-GSC-11215-1] c09 k73-28083 CONSCIOUSNESS
[NASA-CASE-XGS-01036] C14 N70-40003 CONCENTRATION (COMPOSITION)	Development of apparatus and method for
Specific wavelength colorimeter for measuring	quantitatively measuring brain activity as
given solute concentration in test sample	automatic indication of sleep state and level of consciousness
[NASA-CASE-MSC-14081-1] c14 N73-18443	[NASA-CASE-MSC-13282-1]
CONCENTRATORS Concentrator device for controlling direction of	CONSTRAINTS
solar energy onto energy converters	Three stage motion restraining mechanism for
[NASA-CASE-XLE-01716] C09 N70-40234	restraining and damping three dimensional vibrational movement of gimballed package
COMDINISATES Apparatus for determining volatile condensable	during launch of spacecraft
material present in polymeric products	[NASA-CASE-GSC-10306-1] c15 N71-24694
[NASA-CASE-YNP-09699] CU6 N/7-2460/	Cable guide and restraint device for reefing tubes in uniform manner
Development and characteristics of device for removing condensate from heat exchangers with	[NASA-CASE-LAR-10129-1] c15 N73-25512
straight through gas flow	Development of restraint system for securing
[NASA-CASE-MSC-14143-1] c33 N73-32823	personnel to ergometer while exercising under
COMDENSERS (LIQUIPIERS)	weightless conditions [NASA-CASE-NFS-21046-1] c14 N73-27377
Condenser-separator for dehumidifying air utilizing sintered metal surface	Reefing system
[NASA-CASE-XLA-08645] C15 N69-21465	[NASA-CASE-LAR-10129-2] c15 N74-20063
Development and characteristics of device for	CONSTRUCTION MATERIALS Apparatus and method of assembling building
removing condensate from heat exchangers with straight through gas flow	blocks by folding pre-cut flat sheets of
[NASA-CASE-MSC-14143-1] c33 N73-32823	material during on-site construction
CONDUCTING PLUIDS	[NASA-CASE-MSC-12233-1] c15 N72-25454
Multiducted electromagnetic pump for conductive	Development of construction block in form of container folded from flat sheet and filled
liquids [NASA-CASE-NPO-10755] c15 N71-27084	with solid material for architectural purposes
CONDUCTIVE HEAT TRANSPER	[NASA-CASE-HSC-12233-2] c32 N73-13921
measuring conductive heat flow and thermal	CONTACT POTENTIALS Lightweight, rugged, inexpensive satellite
conductivity of laminar gas stream in cylindrical plug to simulate atmospheric reentry	battery for producing electrical power from
[NASA-CASE-XLE-00266] C14 N70-34156	ionosphere using electrodes with different
Space suit body heat exchanger design composed	contact potentials [NASA-CASE-IGS-01593] c03 M70-35408
of thermal conductance yarn and liquid coolant	I RESETCES DE LOS DE LOS DE COS DE CO
loops	CONTAINERS Manufacture of fluid containers from fused
loops [NASA-CASE-XMS-09571]	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum
loops [NASA-CASE-XMS-09571] c05 N71-19439 CONDUCTORS Support for flexible conductor cable between	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum [NASA-CASE-NPO-10123] c15 N71-24835
loops [NASA-CASE-XMS-09571] c05 N71-19439 CONDUCTORS Support for flexible conductor cable between drawers or racks holding electronic equipment and cabinet assembly housing drawers or racks	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum [NASA-CASE-NPO-10123] Method for locating leaks in hermetically sealed containers
loops [NASA-CASE-XMS-09571] c05 N71-19439 CONDUCTORS Support for flexible conductor cable between drawers or racks holding electronic equipment and cabinet assembly housing drawers or racks [NASA-CASE-XMF-07587] c15 N71-18701	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum [NASA-CASE-NPO-10123] c15 N71-24835 Method for locating leaks in hermetically sealed containers [NASA-CASE-ERC-10045] c15 N71-24910
loops [NASA-CASE-XMS-09571] c05 N71-19439 CONDUCTORS Support for flexible conductor cable between drawers or racks holding electronic equipment and cabinet assembly housing drawers or racks [NASA-CASE-XMF-07587] c15 N71-18701 Ferrite memory arrays from pre-formed metal	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum [NASA-CASE-NPO-10123] c15 N71-24835 Method for locating leaks in hermetically sealed containers [NASA-CASE-ERC-10045] c15 N71-24910 Quantitative liquid measurements in container by
loops [NASA-CASE-XMS-09571] c05 N71-19439 CONDUCTORS Support for flexible conductor cable between drawers or racks holding electronic equipment and cabinet assembly housing drawers or racks [NASA-CASE-XMF-07587] c15 N71-18701 Ferrite memory arrays from pre-formed metal conductors	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum [NASA-CASE-NPO-10123] c15 N71-24835 Method for locating leaks in hermetically sealed containers [NASA-CASE-ERC-10045] c15 N71-24910
loops [NASA-CASE-XMS-09571] c05 N71-19439 CONDUCTORS Support for flexible conductor cable between drawers or racks holding electronic equipment and cabinet assembly housing drawers or racks [NASA-CASE-XMF-07587] c15 N71-18701 Ferrite memory arrays from pre-formed metal conductors [NASA-CASE-LAR-10994-1] c18 N73-30536 CONES	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum [NASA-CASE-NPO-10123] c15 N71-24835 Method for locating leaks in hermetically sealed containers [NASA-CASE-ERC-10045] c15 N71-24910 Quantitative liquid measurements in container by resonant frequencies [NASA-CASE-XNP-02500] c18 N71-27397
loops [NASA-CASE-XMS-09571] c05 N71-19439 CONDUCTORS Support for flexible conductor cable between drawers or racks holding electronic equipment and cabinet assembly housing drawers or racks [NASA-CASE-XMF-07587] c15 N71-18701 Ferrite memory arrays from pre-formed metal conductors [NASA-CASE-LAR-10994-1] c18 N73-30536 CONES Black body radiometer design with temperature	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum [NASA-CASE-NPO-10123] c15 N71-24835 Method for locating leaks in hermetically sealed containers [NASA-CASE-ERC-10045] c15 N71-24910 Quantitative liquid measurements in container by resonant frequencies [NASA-CASE-XNP-02500] c18 N71-27397
loops [NASA-CASE-XMS-09571] c05 N71-19439 CONDUCTORS Support for flexible conductor cable between drawers or racks holding electronic equipment and cabinet assembly housing drawers or racks [NASA-CASE-XMF-07587] c15 N71-18701 Ferrite memory arrays from pre-formed metal conductors [NASA-CASE-LAR-10994-1] c18 N73-30536 CONES Black body radiometer design with temperature sensing and cavity heat source cone winding	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum [MASA-CASE-NPO-10123] c15 N71-24835 Method for locating leaks in hermetically sealed containers [NASA-CASE-ERC-10045] c15 N71-24910 Quantitative liquid measurements in container by resonant frequencies [NASA-CASE-XNP-02500] c18 N71-27397 CONTAHINANTS Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes
loops [NASA-CASE-XMS-09571] c05 N71-19439 CONDUCTORS Support for flexible conductor cable between drawers or racks holding electronic equipment and cabinet assembly housing drawers or racks [NASA-CASE-XMF-07587] c15 N71-18701 Ferrite memory arrays from pre-formed metal conductors [NASA-CASE-LAR-10994-1] c18 N73-30536 CONES Black body radiometer design with temperature	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum [NASA-CASE-NPO-10123] c15 N71-24835 Method for locating leaks in hermetically sealed containers [NASA-CASE-REC-10045] c15 N71-24910 Quantitative liquid measurements in container by resonant frequencies [NASA-CASE-XNP-02500] c18 N71-27397 CONTANTNANTS Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention
loops [NASA-CASE-XMS-09571] c05 N71-19439 CONDUCTORS Support for flexible conductor cable between drawers or racks holding electronic equipment and cabinet assembly housing drawers or racks [NASA-CASE-XMF-07587] c15 N71-18701 Ferrite memory arrays from pre-formed metal conductors [NASA-CASE-LAR-10994-1] c18 N73-30536 CONES Black body radiometer design with temperature sensing and cavity heat source cone winding [NASA-CASE-INP-09701] c14 N71-26475 CONFIRMENT Observation window for internal gas confining	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum [MASA-CASE-NPO-10123] c15 N71-24835 Method for locating leaks in hermetically sealed containers [NASA-CASE-ERC-10045] c15 N71-24910 Quantitative liquid measurements in container by resonant frequencies [NASA-CASE-XNP-02500] c18 N71-27397 CONTAMINANTS Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XMS-01905] c12 N71-21089
loops [NASA-CASE-XMS-09571] c05 N71-19439 CONDUCTORS Support for flexible conductor cable between drawers or racks holding electronic equipment and cabinet assembly housing drawers or racks [NASA-CASE-XMF-07587] c15 N71-18701 Ferrite memory arrays from pre-formed metal conductors [NASA-CASE-LAR-10994-1] c18 N73-30536 CONES Black body radiometer design with temperature sensing and cavity heat source cone winding [NASA-CASE-XNP-09701] c14 N71-26475 CONFIREMENT Observation window for internal gas confining chamber	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum [NASA-CASE-NPO-10123] c15 N71-24835 Method for locating leaks in hermetically sealed containers [NASA-CASE-ERC-10045] c15 N71-24910 Quantitative liquid measurements in container by resonant frequencies [NASA-CASE-XNP-02500] c18 N71-27397 CONTANINANTS Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XNS-01905] c12 N71-21089 CONTANINATION
loops [NASA-CASE-XMS-09571] c05 N71-19439 CONDUCTORS Support for flexible conductor cable between drawers or racks holding electronic equipment and cabinet assembly housing drawers or racks [NASA-CASE-XMF-07587] c15 N71-18701 Ferrite memory arrays from pre-formed metal conductors [NASA-CASE-LAR-10994-1] c18 N73-30536 CONES Black body radiometer design with temperature sensing and cavity heat source come winding [NASA-CASE-XMP-09701] c14 N71-26475 CONFIRMENT Observation window for internal gas confining chamber [NASA-CASE-NFO-10890] c11 N73-12265 CONICAL BODIES	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum [MASA-CASE-NPO-10123] c15 N71-24835 Method for locating leaks in hermetically sealed containers [NASA-CASE-ERC-10045] c15 N71-24910 Quantitative liquid measurements in container by resonant frequencies [NASA-CASE-XNP-02500] c18 N71-27397 CONTANUANTS Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XNS-01905] c12 N71-21089 CONTANUATION Emission spectroscopy method for contamination monitoring of inert gas metal arc welding
loops [NASA-CASE-XMS-09571] c05 N71-19439 CONDUCTORS Support for flexible conductor cable between drawers or racks holding electronic equipment and cabinet assembly housing drawers or racks [NASA-CASE-XMF-07587] c15 N71-18701 Ferrite memory arrays from pre-formed metal conductors [NASA-CASE-LAR-10994-1] c18 N73-30536 CONES Black body radiometer design with temperature sensing and cavity heat source cone winding [NASA-CASE-XNP-09701] c14 N71-26475 CONPINEMENT Observation window for internal gas confining chamber [NASA-CASE-NFO-10890] c11 N73-12265 CONICAL BODIES Conical valve plug for use with reactive	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum [NASA-CASE-NPO-10123] c15 N71-24835 Method for locating leaks in hermetically sealed containers [NASA-CASE-ERC-10045] c15 N71-24910 Quantitative liquid measurements in container by resonant frequencies [NASA-CASE-XNP-02500] c18 N71-27397 CONTANINANTS Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XMS-01905] c12 N71-21089 CONTANINATION Emission spectroscopy method for contamination monitoring of inert gas metal arc welding [NASA-CASE-XMF-02039] c15 N71-15871
loops [NASA-CASE-XMS-09571] c05 N71-19439 CONDUCTORS Support for flexible conductor cable between drawers or racks holding electronic equipment and cabinet assembly housing drawers or racks [NASA-CASE-XMF-07587] c15 N71-18701 Ferrite memory arrays from pre-formed metal conductors [NASA-CASE-LAR-10994-1] c18 N73-30536 CONES Black body radiometer design with temperature sensing and cavity heat source cone winding [NASA-CASE-XNP-09701] c14 N71-26475 CONFINERENT Observation window for internal gas confining chamber [NASA-CASE-NPO-10890] c11 N73-12265 CONICAL BODIES Conical valve plug for use with reactive cryogenic fluids	CONTAINERS Hanufacture of fluid containers from fused coated polyester sheets having resealable septum [NASA-CASE-NPO-10123] Method for locating leaks in hermetically sealed containers [NASA-CASE-RRC-10045] Quantitative liquid measurements in container by resonant frequencies [NASA-CASE-XNP-02500] CONTANTINANTS Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XMS-01905] CONTANTINATION Emission spectroscopy method for contamination monitoring of inert gas metal arc welding [NASA-CASE-XMF-02039] CONTAMINATION Contamination free separation nut eliminating
loops [NASA-CASE-XMS-09571] c05 N71-19439 CONDUCTORS Support for flexible conductor cable between drawers or racks holding electronic equipment and cabinet assembly housing drawers or racks [NASA-CASE-XMF-07587] c15 N71-18701 Ferrite memory arrays from pre-formed metal conductors [NASA-CASE-LAR-10994-1] c18 N73-30536 CONES Black body radiometer design with temperature sensing and cavity heat source cone winding [NASA-CASE-XNP-09701] c14 N71-26475 CONPINEMENT Observation window for internal gas confining chamber [NASA-CASE-NFO-10890] c11 N73-12265 CONICAL BODIES Conical valve plug for use with reactive	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum [MASA-CASE-NPO-10123] c15 N71-24835 Method for locating leaks in hermetically sealed containers [NASA-CASE-ERC-10045] c15 N71-24910 Quantitative liquid measurements in container by resonant frequencies [NASA-CASE-XNP-02500] c18 N71-27397 CONTANINANTS Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XMS-01905] c12 N71-21089 CONTANINATION Emission spectroscopy method for contamination monitoring of inert gas metal arc welding [NASA-CASE-XMF-02039] c15 N71-15871 Contamination free separation nut eliminating combustion products from ambient surroundings generated by squib firing
loops [NASA-CASE-XMS-09571] c05 N71-19439 CONDUCTORS Support for flexible conductor cable between drawers or racks holding electronic equipment and cabinet assembly housing drawers or racks [NASA-CASE-XMF-07587] c15 N71-18701 Ferrite memory arrays from pre-formed metal conductors [NASA-CASE-LAR-10994-1] c18 N73-30536 CONES Black body radiometer design with temperature sensing and cavity heat source cone winding [NASA-CASE-XNP-09701] c14 N71-26475 CONPINEMENT Observation window for internal gas confining chamber [NASA-CASE-NPO-10890] c11 N73-12265 CONICAL BODIES Conical valve plug for use with reactive cryogenic fluids [NASA-CASE-XLE-00715] c15 N70-34859 Conical reflector antenna with feed approximating line source	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum [NASA-CASE-NPO-10123] c15 N71-24835 Method for locating leaks in hermetically sealed containers [NASA-CASE-ERC-10045] c15 N71-24910 Quantitative liquid measurements in container by resonant frequencies [NASA-CASE-XNP-02500] c18 N71-27397 CONTANINANTS Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XMS-01905] c12 N71-21089 CONTANINATION Emission spectroscopy method for contamination monitoring of inert gas metal arc welding [NASA-CASE-XMF-02039] c15 N71-15871 Contamination free separation nut eliminating combustion products from ambient surroundings generated by squib firing [NASA-CASE-KGS-01971] c15 N71-15922
loops [NASA-CASE-XMS-09571]	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum [NASA-CASE-NPO-10123] c15 N71-24835 Method for locating leaks in hermetically sealed containers [NASA-CASE-ERC-10045] c15 N71-24910 Quantitative liquid measurements in container by resonant frequencies [NASA-CASE-XNP-02500] c18 N71-27397 CONTANTWANTS Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XMS-01905] c12 N71-21089 CONTANTATION Emission spectroscopy method for contamination monitoring of inert gas metal arc welding [NASA-CASE-XMF-02039] c15 N71-15871 Contamination free separation nut eliminating combustion products from ambient surroundings generated by squib firing [NASA-CASE-IGS-01971] c15 N71-15922 Apparatus and process for volumetrically
loops [NASA-CASE-XMS-09571]	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum [MASA-CASE-NPO-10123] Method for locating leaks in hermetically sealed containers [MASA-CASE-ERC-10045] Quantitative liquid measurements in container by resonant frequencies [NASA-CASE-XNP-02500] CONTAINENTS Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XHS-01905] CONTAMINATION Emission spectroscopy method for contamination monitoring of inert gas metal arc welding [NASA-CASE-XHF-02039] Contamination free separation nut eliminating combustion products from ambient surroundings generated by squib firing [NASA-CASE-XGS-01971] Apparatus and process for volumetrically dispensing reagent quantities of volatile chemicals for small batch reactions
loops [NASA-CASE-XMS-09571] c05 N71-19439 CONDUCTORS Support for flexible conductor cable between drawers or racks holding electronic equipment and cabinet assembly housing drawers or racks [NASA-CASE-XMF-07587] c15 N71-18701 Ferrite memory arrays from pre-formed metal conductors [NASA-CASE-LAR-10994-1] c18 N73-30536 CONES Black body radiometer design with temperature sensing and cavity heat source cone winding [NASA-CASE-XNP-09701] c14 N71-26475 CONPINEMENT Observation window for internal gas confining chamber [NASA-CASE-NPO-10890] c11 N73-12265 CONICAL BODIES Conical valve plug for use with reactive cryogenic fluids [NASA-CASE-XLE-00715] c15 N70-34859 Conical reflector antenna with feed approximating line source [NASA-CASE-NPO-10303] c07 N72-22127 Characteristics of microwave antenna with conical reflectors to generate plane wave front [NASA-CASE-NPO-11661] c07 N73-14130	CONTAINERS Hanufacture of fluid containers from fused coated polyester sheets having resealable septum [NASA-CASE-NPO-10123] Method for locating leaks in hernetically sealed containers [NASA-CASE-RRC-10045] Quantitative liquid measurements in container by resonant frequencies [NASA-CASE-XNP-02500] CONTANINANTS Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XMS-01905] CONTANINATION Emission spectroscopy method for contamination monitoring of inert gas metal arc welding [NASA-CASE-XMF-02039] contamination free separation nut eliminating combustion products from ambient surroundings generated by squib firing [NASA-CASE-XGS-01971] Apparatus and process for volumetrically dispensing reagent quantities of volatile chemicals for small batch reactions [NASA-CASE-NPO-10070] c15 N71-27372
loops [NASA-CASE-XMS-09571]	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum [NASA-CASE-NPO-10123] Method for locating leaks in hermetically sealed containers [NASA-CASE-ERC-10045] Quantitative liquid measurements in container by resonant frequencies [NASA-CASE-XNP-02500] CONTAHLWANTS Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XMS-01905] CONTANTATION Emission spectroscopy method for contamination monitoring of inert gas metal arc welding [NASA-CASE-XMF-02039] Contamination free separation nut eliminating combustion products from ambient surroundings generated by squib firing [NASA-CASE-IGS-01971] Apparatus and process for volumetrically dispensing reagent quantities of volatile chemicals for small batch reactions [NASA-CASE-NPO-10070] Cottainale tester for monitoring bacterial
loops [NASA-CASE-XMS-09571] C05 N71-19439 CONDUCTORS Support for flexible conductor cable between drawers or racks holding electronic equipment and cabinet assembly housing drawers or racks [NASA-CASE-XMF-07587] c15 N71-18701 Ferrite memory arrays from pre-formed metal conductors [NASA-CASE-LAR-10994-1] c18 N73-30536 CONES Black body radiometer design with temperature sensing and cavity heat source cone winding [NASA-CASE-XNP-09701] c14 N71-26475 CONFINERENT Observation window for internal gas confining chamber [NASA-CASE-NPO-10890] c11 N73-12265 CONICAL BODIES Conical valve plug for use with reactive cryogenic fluids [NASA-CASE-XLE-00715] c15 N70-34859 Conical reflector antenna with feed approximating line source [NASA-CASE-NPO-10303] c07 N72-22127 Characteristics of microwave antenna with conical reflectors to generate plane wave front [NASA-CASE-NPO-11661] c07 N73-14130 CONICAL SHELLS Capacitance measuring device for determining	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum [NASA-CASE-NPO-10123] c15 N71-24835 Method for locating leaks in hermetically sealed containers [NASA-CASE-ERC-10045] c15 N71-24910 Quantitative liquid measurements in container by resonant frequencies [NASA-CASE-XNP-02500] c18 N71-27397 CONTANIANTS Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XHS-01905] c12 N71-21089 CONTANIANTION Emission spectroscopy method for contamination monitoring of inert gas metal arc welding [NASA-CASE-XHF-02039] c15 N71-15871 Contamination free separation nut eliminating combustion products from ambient surroundings generated by squib firing [NASA-CASE-XGS-01971] c15 N71-15922 Apparatus and process for volumetrically dispensing reagent quantities of volatile chemicals for small batch reactions [NASA-CASE-NFO-10070] c15 N71-27372 Portable tester for monitoring bacterial contamination by adenosine triphosphate light reaction
loops [NASA-CASE-XMS-09571]	Manufacture of fluid containers from fused coated polyester sheets having resealable septum [NASA-CASE-NPO-10123] c15 N71-24835 Method for locating leaks in hermetically sealed containers [NASA-CASE-ERC-10045] c15 N71-24910 Quantitative liquid measurements in container by resonant frequencies [NASA-CASE-XNP-02500] c18 N71-27397 CONTANINANTS Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XMS-01905] c12 N71-21089 CONTANINATION Emission spectroscopy method for contamination monitoring of inert gas metal arc welding [NASA-CASE-XMF-02039] c15 N71-15871 Contamination free separation nut eliminating combustion products from ambient surroundings generated by squib firing [NASA-CASE-MFS-01971] c15 N71-15922 Apparatus and process for volumetrically dispensing reagent quantities of volatile chemicals for small batch reactions [NASA-CASE-MPO-10070] c15 N71-27372 Portable tester for monitoring bacterial contamination by adenosine triphosphate light reaction [NASA-CASE-GSC-10879-1] c14 N72-25413
loops [NASA-CASE-XMS-09571]	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum [NASA-CASE-NPO-10123] Method for locating leaks in hermetically sealed containers [NASA-CASE-ERC-10045] Quantitative liquid measurements in container by resonant frequencies [NASA-CASE-XNP-02500] CONTANUMANTS Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XMS-01905] CONTANUATION Emission spectroscopy method for contamination monitoring of inert gas metal arc welding [NASA-CASE-XMF-02039] Contamination free separation nut eliminating combustion products from ambient surroundings generated by squib firing [NASA-CASE-XGS-01971] Apparatus and process for volumetrically dispensing reagent quantities of volatile chemicals for small batch reactions [NASA-CASE-NPO-10070] Portable tester for monitoring bacterial contamination by adenosine triphosphate light reaction [NASA-CASE-GSC-10879-1] CONTINOUS WAVE RADAR
loops [NASA-CASE-XMS-09571]	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum [MASA-CASE-NPO-10123] Method for locating leaks in hermetically sealed containers [NASA-CASE-ERC-10045] Quantitative liquid measurements in container by resonant frequencies [NASA-CASE-XNP-02500] CONTANINANTS Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XMS-01905] CONTANINATION Emission spectroscopy method for contamination monitoring of inert gas metal arc welding [NASA-CASE-XMF-02039] C15 N71-15871 Contamination free separation nut eliminating combustion products from ambient surroundings generated by squib firing [NASA-CASE-XGS-01971] Apparatus and process for volumetrically dispensing reagent quantities of volatile chemicals for small batch reactions [NASA-CASE-MPO-10070] Portable tester for monitoring bacterial contamination by adenosine triphosphate light reaction [NASA-CASE-GSC-10879-1] C14 N72-25413 CONTINUOUS WAYE RADAR Phase locked loop with sideband rejecting
loops [NASA-CASE-XMS-09571]	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum [NASA-CASE-NPO-10123] c15 N71-24835 Method for locating leaks in hernetically sealed containers [NASA-CASE-ERC-10045] c15 N71-24910 Quantitative liquid measurements in container by resonant frequencies [NASA-CASE-XNP-02500] c18 N71-27397 CONTANINANTS Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XMS-01905] c12 N71-21089 CONTAMINATION Emission spectroscopy method for contamination monitoring of inert gas metal arc welding [NASA-CASE-XMF-02039] c15 N71-15871 Contamination free separation nut eliminating combustion products from ambient surroundings generated by squib firing [NASA-CASE-XGS-01971] Apparatus and process for volumetrically dispensing reagent quantities of volatile chemicals for small batch reactions [NASA-CASE-NPO-10070] Portable tester for monitoring bacterial contamination by adenosine triphosphate light reaction [NASA-CASE-GSC-10879-1] CONTINOUS WAVE RADAR
loops [NASA-CASE-XMS-09571]	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum (NASA-CASE-NPO-10123] Method for locating leaks in hernetically sealed containers [NASA-CASE-ERC-10045] Quantitative liquid measurements in container by resonant frequencies [NASA-CASE-XNP-02500] CONTANUANTS Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XMS-01905] CONTANUATION Emission spectroscopy method for contamination monitoring of inert gas metal arc welding [NASA-CASE-XMF-02039] Contamination free separation nut eliminating combustion products from ambient surroundings generated by squib firing [NASA-CASE-XGS-01971] Apparatus and process for volumetrically dispensing reagent quantities of volatile chemicals for small batch reactions [NASA-CASE-NPO-10070] Portable tester for monitoring bacterial contamination by adenosine triphosphate light reaction [NASA-CASE-GSC-10879-1] CONTINOUS WAVE RADAR Phase locked loop with sideband rejecting properties in continuous wave tracking radar [NASA-CASE-INP-02723] CONTOURS
CONDUCTORS Support for flexible conductor cable between drawers or racks holding electronic equipment and cabinet assembly housing drawers or racks [NASA-CASE-XMF-07587] c15 N71-18701 Ferrite memory arrays from pre-formed metal conductors [NASA-CASE-LAR-10994-1] c18 E73-30536 CONES Black body radiometer design with temperature sensing and cavity heat source cone winding [NASA-CASE-INP-09701] c14 N71-26475 CONFIBERENT Observation window for internal gas confining chamber [NASA-CASE-NPO-10890] c11 N73-12265 CONICAL BODIES Conical valve plug for use with reactive cryogenic fluids [NASA-CASE-XLE-00715] c15 N70-34859 Conical reflector antenna with feed approximating line source [NASA-CASE-NPO-10303] c07 N72-22127 Characteristics of microwave antenna with conical reflectors to generate plane wave front [NASA-CASE-NPO-11661] c07 N73-14130 CONICAL SHELLS Capacitapce measuring device for determining flare accuracy on tapered tubes [NASA-CASE-NES-03495] c14 N69-39785 Poldable, double cone and parabolic reflector system for solar ray concentration [NASA-CASE-XLA-04622] c03 N70-41580 Rotary spindle lathe attachments for machining geometrical cones [NASA-CASE-INS-04292] c15 N71-22722	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum [MASA-CASE-NPO-10123] Method for locating leaks in hernetically sealed containers [MASA-CASE-ERC-10045] Quantitative liquid measurements in container by resonant frequencies [MASA-CASE-XNP-02500] CONTANIANTS Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XMS-01905] CONTANIBATION Emission spectroscopy method for contamination monitoring of inert gas metal arc welding [NASA-CASE-XMF-02039] C15 N71-15871 Contamination free separation nut eliminating combustion products from ambient surroundings generated by squib firing [NASA-CASE-XGS-01971] Apparatus and process for volumetrically dispensing reagent quantities of volatile chemicals for small batch reactions [NASA-CASE-WFO-10070] Portable tester for monitoring bacterial contamination by adenosine triphosphate light reaction [NASA-CASE-GSC-10879-1] CONTINUOUS WAVE HADAR Phase locked loop with sideband rejecting properties in continuous wave tracking radar [NASA-CASE-INP-02723] CONTOURS Describing device for surveying contour of
loops [NASA-CASE-XMS-09571]	CONTAINERS Manufacture of fluid containers from fused coated polyester sheets having resealable septum [NASA-CASE-NPO-10123] c15 N71-24835 Method for locating leaks in hermetically sealed containers [NASA-CASE-ERC-10045] c15 N71-24910 Quantitative liquid measurements in container by resonant frequencies [NASA-CASE-XNP-02500] c18 N71-27397 CONTAHINANTS Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XMS-01905] c12 N71-21089 CONTAMINATION Emission spectroscopy method for contamination monitoring of inert gas metal arc welding [NASA-CASE-XMF-02039] c15 N71-15871 Contamination free separation nut eliminating combustion products from ambient surroundings generated by squib firing [NASA-CASE-XGS-01971] c15 N71-15922 Apparatus and process for volumetrically dispensing reagent quantities of volatile chemicals for small batch reactions [NASA-CASE-NPO-10070] c15 N71-27372 Portable tester for monitoring bacterial contamination by adenosine triphosphate light reaction [NASA-CASE-NPO-10070] c14 N72-25413 CONTINUOUS WAVE RADAR Phase locked loop with sideband rejecting properties in continuous wave tracking radar [NASA-CASE-INP-02723] c07 N70-41680 CONTOURS Describing device for surveying contour of surface using X-Y plotter and traveling
CONDUCTORS Support for flexible conductor cable between drawers or racks holding electronic equipment and cabinet assembly housing drawers or racks [NASA-CASE-XMF-07587] c15 N71-18701 Ferrite memory arrays from pre-formed metal conductors [NASA-CASE-LAR-10994-1] c18 N73-30536 CONES Black body radiometer design with temperature sensing and cavity heat source cone winding [NASA-CASE-XNP-09701] c14 N71-26475 CONPINEMENT Observation window for internal gas confining chamber [NASA-CASE-NPO-10890] c11 N73-12265 CONICAL BODIES Conical valve plug for use with reactive cryogenic fluids [NASA-CASE-XLE-00715] c15 N70-34859 Conical reflector antenna with feed approximating line source [NASA-CASE-NPO-10303] c07 N72-22127 Characteristics of microwave antenna with conical reflectors to generate plane wave front [NASA-CASE-NPO-11661] c07 N73-14130 CONICAL SHELLS Capacitance measuring device for determining flare accuracy on tapered tubes [NASA-CASE-XKS-03495] c14 N69-39785 Foldable, double cone and parabolic reflector system for solar ray concentration [NASA-CASE-XLA-04622] c03 N70-41580 Rotary spindle lathe attachments for machining geometrical cones [NASA-CASE-XLS-04292] c15 N71-22722 CONNECTORS	CONTAINERS Hanufacture of fluid containers from fused coated polyester sheets having resealable septum [NASA-CASE-NPO-10123] c15 N71-24835 Method for locating leaks in hermetically sealed containers [NASA-CASE-ERC-10045] c15 N71-24910 Quantitative liquid measurements in container by resonant frequencies [NASA-CASE-XNP-02500] c18 N71-27397 CONTANIANTS Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XMS-01905] c12 N71-21089 CONTANIANTION Emission spectroscopy method for contamination monitoring of inert gas metal arc welding [NASA-CASE-XMF-02039] c15 N71-15871 Contamination free separation nut eliminating combustion products from ambient surroundings generated by squib firing [NASA-CASE-XMF-02039] c15 N71-15922 Apparatus and process for volumetrically dispensing reagent quantities of volatile chemicals for small batch reactions [NASA-CASE-NFO-10070] c15 N71-27372 Portable tester for monitoring bacterial contamination by adenosine triphosphate light reaction [NASA-CASE-SCC-10879-1] c14 N72-25413 CONTINUOUS WAVE RADAR Phase locked loop with sideband rejecting properties in continuous wave tracking radar [NASA-CASE-INP-02723] c07 N70-41680 CONTOURS Describing device for surveying contour of surface using X-Y plotter and traveling

Processing system for semiperiodic electrical	
	Manual control mechanism for adjusting control
signals to produce real time contoured display	rod to null position
[NASA-CASE-MSC-13407-1] c10 N72-20225 CONTRACTION	[NASA-CASE-XLA-01808] c15 N71-20740
Elastomeric extensometer for measuring surface	CONTROL SIMULATION
area changes of human body caused by body	Kinesthetic control simulator with multiple degree of freedom of movement similar to lunar
expansion and contraction	flying Webicles
[NASA-CASE-MFS-21049-1] c14 N73-11405	[NASA-CASE-LAR-10276-1] c11 N70-26813
CONTROL	CONTROL STABILITY
Valve assembly for controlling simultaneously	Design and development of active control system
more than one fluid flow, and having stable	for air cushion vehicle to reduce or eliminate
qualities under loads	effects of excessive vertical vibratory
[NASA-CASE-XMS-05890] c09 N71-23191	acceleration
Control system for pressure balance device used	[NASA-CASE-LAR-10531-1] c02 N73-13023
in calibrating pressure gages	CONTROL SURFACES
[NASA-CASE-XMF-04134] c14 N71-23755	Conical valve plug for use with reactive
Power control system for thermal nuclear reactor [NASA-CASE-XLB-05799] c22 N72-21644	cryogenic fluids
CONTROL BOARDS	[NASA-CASE-XLE-00715] c15 N70-34859 Attitude control system for spacecraft based on
Ionization control system design for monitoring	conversion of incident solar radiation on
separately located ion gage pressures on	movable control surfaces into mechanical torques
Vacuum chambers	[NASA-CASE-XNP-02982]
[NASA-CASE-XLE-00787] c14 N71-21090	CONTROL UNITS (COMPUTERS)
CONTROL ROUIPHENT	Self testing and repairing computer comprising
Stepping motor control apparatus exciting	control and diagnostic unit and rollback
Hindings in proper time sequence to cause	points for error correction
notor to rotate in either direction	[NASA-CASE-NPO-10567] c08 N71-24633
[NASA-CASE-GSC-10366-1] c10 N71-18772	CONTROL VALVES
. Voltage drift compensation circuit for analog-to-digital converter	Electromechanical actuator and its use in rocket
[NASA-CASE-XNP-04780] c08 N71-19687	thrust control valve
Development of attitude control system for	[NASA-CASE-INP-05975] c15 N69-23185 Conical valve plug for use with reactive
vertical takeoff aircraft using reaction	cryogenic fluids
nozzles displaced from various axes of aircraft	[NASA-CASE-XLE-00715] c15 N70-34859
[NASA-CASE-XAC-08972] CO2 N71-20570	Control walve and coaxial wariable injector for
Device for controlling rotary potentiometer	controlling bipropellant mixture ratio and flow
mounted on aircraft steering wheel or aileron	[NASA-CASE-INP-09702] c15 N71-17654
control	Control walve for switching main stream of fluid
[NASA-CASE-XAC-10019] c15 N71-23809	from one stable position to another by means
Controlled release device for use in launching	of electrohydrodynamic forces
rockets or missiles	[NASA-CASE-NPO-10416] c12 N71-27332
[NASA-CASE-XKS-03338] c15 N71-24043	Force balanced throttle valve for fuel control
Circuits for controlling reversible dc motor [NASA-CASE-XNF-07477] c09 N71-26092	in rocket engines [NASA-CASE-NPO-10808] c15 N71-27432
Digital memory system with multiple switch cores	Dual stage check valve for cryogenic supply
for driving each word location	systems used in space flight environmental
[NASA-CASE-XNP-01466] c10 N71-26434	control system
Fluid control jet amplifiers	[NASA-CASE-MSC-13587-1] c15 #73-30459
[NASA-CASE-XIE-09341] c12 N71-28741	Airflow control system for supersonic inlets
System for control of variable signal generator	[NASA-CASE-LEH-11188-1] c02 N74-20646
[NASA-CASE-NPO-11064] c07 N72-11150	ACHERALY ED 154455115015
Solid state remote circuit selector switching	CONTROLLED ATHOSPHERES Rectangular electric conductors for conductor
circuit	cables to withstand spacecraft vibration and
[NASA-CASE-LEW-10387] c09 N72-22201 Development of device for simulating charge and	controlled atmosphere
discharge cycle of battery in synchronous orbit	[NASA-CASE-MFS-14741] c09 N70-20737
[NASA=CASE=GSC=11211=11	•
[NASA-CASE-GSC-11211-1] c03 N72-25020 Bridge-type gain control gircnit	High voltage pulse generator for testing flash
Bridge-type gain control circuit	and ignition limits of nonmetallic materials
	and ignition limits of nonmetallic materials in controlled atmospheres
Bridge-type gain control circuit [NASA-CASE-GSC-10786-1] c10 N72-28241	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 N71-13518
Bridge-type gain control circuit [NASA-CASE-GSC-10786-1] c10 N72-28241 Control circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] c22 N73-13656	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 N71-13518 System for continuous monitoring of exhalations,
Bridge-type gain control circuit [NASA-CASE-6SC-10786-1] c10 N72-28241 Control circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] c22 N73-13656 Interferometer prism and control system for	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 N71-13518 System for continuous monitoring of exhalations, weighing, and cage cleaning for animal exposed
Bridge-type gain control circuit [NASA-CASE-6SC-10786-1] c10 N72-28241 Control circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] c22 N73-13656 Interferometer prism and control system for precisely determining direction to remote	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 N71-13518 System for continuous monitoring of exhalations, weighing, and cage cleaning for animal exposed to controlled atmosphere for toxic study
Bridge-type gain control circuit [NASA-CASE-GSC-10786-1] Control circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] Colored for control system for precisely determining direction to remote light source	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 N71-13518 System for continuous monitoring of exhalations, weighing, and cage cleaning for animal exposed to controlled atmosphere for toxic study [NASA-CASE-XAC-05333] c11 N71-22875
Bridge-type gain control circuit [NASA-CASE-GSC-10786-1] c10 N72-28241 Control circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] c22 N73-13656 Interferometer prism and control system for precisely determining direction to remote light source [NASA-CASE-ARC-10278-1] c14 N73-25463	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 N71-13518 System for continuous monitoring of exhalations, weighing, and cage cleaning for animal exposed to controlled atmosphere for toxic study [NASA-CASE-XAC-05333] c11 N71-22875 CONTROLLERS
Bridge-type gain control circuit [NASA-CASE-GSC-10786-1] c10 N72-28241 Control circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] c22 N73-13656 Interferometer prism and control system for precisely determining direction to remote light source [NASA-CASE-ARC-10278-1] c14 N73-25463 Development and characteristics of variable	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 N71-13518 System for continuous monitoring of exhalations, weighing, and cage cleaning for animal exposed to controlled atmosphere for toxic study [NASA-CASE-XAC-05333] c11 N71-22875
Bridge-type gain control circuit [NASA-CASE-GSC-10786-1] Control circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] Colored for precisely determining direction to remote light source [NASA-CASE-NC-10278-1] Development and characteristics of variable ratio, mixed-mode, bilateral master-slave	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 N71-13518 System for continuous monitoring of exhalations, weighing, and cage cleaning for animal exposed to controlled atmosphere for toxic study [NASA-CASE-XAC-05333] c11 N71-22875 CONTROLLERS Unitary three-axis controller for flight
Bridge-type gain control circuit [NASA-CASE-GSC-10786-1] Control circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] C22 N73-13656 Interferometer prism and control system for precisely determining direction to remote light source [NASA-CASE-ARC-10278-1] C14 N73-25463 Development and characteristics of variable ratio, mixed-mode, bilateral master-slave control system for space shuttle remote	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 N71-13518 System for continuous monitoring of exhalations, weighing, and cage cleaning for animal exposed to controlled atmosphere for toxic study [NASA-CASE-XAC-05333] c11 N71-22875 CONTROLLERS Unitary three-axis controller for flight vehicles within or outside atmosphere [NASA-CASE-XFR-00181] c21 N70-33279 Two axis flight controller with potentiometer
Bridge-type gain control circuit [NASA-CASE-GSC-10786-1] c10 N72-28241 Control circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] c22 N73-13656 Interferometer prism and control system for precisely determining direction to remote light source [NASA-CASE-ANC-10278-1] c14 N73-25463 Development and characteristics of variable ratio, mixed-mode, bilateral master-slave control system for space shuttle remote manipulator system	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 N71-13518 System for continuous monitoring of exhalations, weighing, and cage cleaning for animal exposed to controlled atmosphere for toxic study [NASA-CASE-XAC-05333] c11 N71-22875 CONTROLLERS Unitary three-axis controller for flight vehicles within or outside atmosphere [NASA-CASE-XFR-00181] c21 N70-33279 Two axis flight controller with potentiometer control shafts directly coupled to rotatable
Bridge-type gain control circuit [NASA-CASE-GSC-10786-1] c10 N72-28241 Control circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] c22 N73-13656 Interferometer prism and control system for precisely determining direction to renote light source [NASA-CASE-ANC-10278-1] c14 N73-25463 Development and characteristics of variable ratio, mixed-mode, bilateral master-slave control system for space shuttle renote manipulator system [NASA-CASE-MSC-14245-1] c31 N73-30832	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-NSC-12178-1] c09 N71-13518 System for continuous monitoring of exhalations, weighing, and cage cleaning for animal exposed to controlled atmosphere for toxic study [NASA-CASE-XAC-05333] c11 N71-22875 CONTROLLERS Unitary three-axis controller for flight vehicles within or outside atmosphere [NASA-CASE-XFR-00181] c21 N70-33279 Two axis flight controller with potentiometer control shafts directly coupled to rotatable ball members
Bridge-type gain control circuit [NASA-CASE-GSC-10786-1] c10 N72-28241 Control circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] c22 N73-13656 Interferometer prism and control system for precisely determining direction to remote light source [NASA-CASE-ANC-10278-1] c14 N73-25463 Development and characteristics of variable ratio, mixed-mode, bilateral master-slave control system for space shuttle remote manipulator system	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 N71-13518 System for continuous monitoring of exhalations, weighing, and cage cleaning for animal exposed to controlled atmosphere for toxic study [NASA-CASE-XAC-05333] c11 N71-22875 CONTROLLERS Unitary three-axis controller for flight vehicles within or outside atmosphere [NASA-CASE-XFR-00181] c21 N70-33279 Two axis flight controller with potentiometer control shafts directly coupled to rotatable ball members [NASA-CASE-XFR-04104] c03 N70-42073
Bridge-type gain control circuit [NASA-CASE-GSC-10786-1] Control circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] Color circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] Color circuit for precisely determining direction to remote light source [NASA-CASE-ARC-10278-1] Color circuit for space for variable ratio, mixed-mode, bilateral master-slave control system for space shuttle remote manipulator system [NASA-CASE-MSC-14245-1] Remote manipulator system [NASA-CASE-MSC-22022-1] Color N74-10099 Digital controller for a Baum folding machine	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 N71-13518 System for continuous monitoring of exhalations, weighing, and cage cleaning for animal exposed to controlled atmosphere for toxic study [NASA-CASE-XAC-05333] c11 N71-22875 CONTROLLERS Unitary three-axis controller for flight vehicles within or outside atmosphere [NASA-CASE-XFR-00181] c21 N70-33279 Two axis flight controller with potentiometer control shafts directly coupled to rotatable ball members [NASA-CASE-XFR-04104] c03 N70-42073 Hand controller operable about three
Bridge-type gain control circuit [NASA-CASE-GSC-10786-1] Control circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] Colored to remote for precisely determining direction to remote light source [NASA-CASE-ARC-10278-1] Development and characteristics of variable ratio, mixed-mode, bilateral master-slave control system for space shuttle remote manipulator system [NASA-CASE-HSC-14245-1] Remote manipulator system [NASA-CASE-HSC-2022-1] Digital controller for a Baum folding machine providing automatic counting and machine	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 N71-13518 System for continuous monitoring of exhalations, weighing, and cage cleaning for animal exposed to controlled atmosphere for toxic study [NASA-CASE-XAC-05333] c11 N71-22875 CONTROLLERS Unitary three-axis controller for flight vehicles within or outside atmosphere [NASA-CASE-XFR-00181] c21 N70-33279 Two axis flight controller with potentiometer control shafts directly coupled to rotatable ball members [NASA-CASE-XFR-04104] c03 N70-42073 Hand controller operable about three respectively perpendicular axes and capable of
Bridge-type gain control circuit [NASA-CASE-MSC-10786-1] Control circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] Color of circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] Color of circuit for precisely determining direction to remote light source [NASA-CASE-ARC-10278-1] Color of variable ratio, mixed-mode, bilateral master-slave control system for space shuttle remote manipulator system [NASA-CASE-MSC-14245-1] Remote manipulator system [NASA-CASE-MFS-22022-1] Color N74-10099 Digital controller for a Baum folding machine providing automatic counting and machine shutoff	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 M71-13518 System for continuous monitoring of exhalations, weighing, and cage cleaning for animal exposed to controlled atmosphere for toxic study [NASA-CASE-XAC-05333] c11 M71-22875 CONTROLLERS Unitary three-axis controller for flight wehicles within or outside atmosphere [NASA-CASE-XFR-00181] c21 M70-33279 Two axis flight controller with potentiometer control shafts directly coupled to rotatable ball members [NASA-CASE-XFR-04104] c03 M70-42073 Hand controller operable about three respectively perpendicular axes and capable of actuating signal generators for attitude
Bridge-type gain control circuit [NASA-CASE-GSC-10786-1] Control circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] Color of circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] Color of circuit for precisely determining direction to renote light source [NASA-CASE-ARC-10278-1] Color of variable ratio, mixed-mode, bilateral master-slave control system for space shuttle renote manipulator system [NASA-CASE-MSC-14245-1] Remote manipulator system [NASA-CASE-MSC-14245-1] Color N74-10099 Digital controller for a Baum folding machine providing automatic counting and machine shutoff [NASA-CASE-LAR-10688-1] Color N74-21056	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 N71-13518 System for continuous monitoring of exhalations, weighing, and cage cleaning for animal exposed to controlled atmosphere for toxic study [NASA-CASE-XAC-05333] c11 N71-22875 CONTROLLERS Unitary three-axis controller for flight vehicles within or outside atmosphere [NASA-CASE-XFR-00181] c21 N70-33279 Two axis flight controller with potentiometer control shafts directly coupled to rotatable ball members [NASA-CASE-XFR-04104] c03 N70-42073 Kand controller operable about three respectively perpendicular axes and capable of actuating signal generators for attitude control devices
Bridge-type gain control circuit [NASA-CASE-GSC-10786-1] c10 N72-28241 Control circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] c22 N73-13656 Interferometer prism and control system for precisely determining direction to remote light source [NASA-CASE-ANC-10278-1] c14 N73-25463 Development and characteristics of variable ratio, mixed-mode, bilateral master-slave control system for space shuttle remote manipulator system [NASA-CASE-MSC-14245-1] c31 N73-30832 Remote manipulator system [NASA-CASE-MSC-2022-1] c05 N74-10099 Digital controller for a Baum folding machine providing automatic counting and machine shutoff [NASA-CASE-LAR-10688-1] c15 N74-21056 Flow control valve for high temperature fluids	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 N71-13518 System for continuous monitoring of exhalations, weighing, and cage cleaning for animal exposed to controlled atmosphere for toxic study [NASA-CASE-XAC-05333] c11 N71-22875 CONTROLLERS Unitary three-axis controller for flight vehicles within or outside atmosphere [NASA-CASE-XFR-00181] c21 N70-33279 Two axis flight controller with potentiometer control shafts directly coupled to rotatable ball members [NASA-CASE-XFR-04104] c03 N70-42073 Hand controller operable about three respectively perpendicular axes and capable of actuating signal generators for attitude control devices [NASA-CASE-XMS-07487] c15 N71-23255
Bridge-type gain control circuit [NASA-CASE-SCS-10786-1] Control circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] Color for converter power source for spacecraft [NASA-CASE-NPO-13114-1] Color for precisely determining direction to remote light source [NASA-CASE-ARC-10278-1] Color for converted in a color for space for variable ratio, mixed-mode, bilateral master-slave control system for space shuttle remote manipulator system [NASA-CASE-MSC-14245-1] Color for for for for for for for for for f	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 N71-13518 System for continuous monitoring of exhalations, weighing, and cage cleaning for animal exposed to controlled atmosphere for toxic study [NASA-CASE-XAC-05333] c11 N71-22875 CONTROLLERS Unitary three-axis controller for flight vehicles within or outside atmosphere [NASA-CASE-XFR-00181] c21 N70-33279 Two axis flight controller with potentiometer control shafts directly coupled to rotatable ball members [NASA-CASE-XFR-04104] c03 N70-42073 Kand controller operable about three respectively perpendicular axes and capable of actuating signal generators for attitude control devices
Bridge-type gain control circuit [NASA-CASE-MFS-2202-1] Control circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] Color of circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] Color of circuit for precisely determining direction to renote light source [NASA-CASE-ARC-10278-1] Color of variable ratio, mixed-mode, bilateral master-slave control system for space shuttle remote manipulator system [NASA-CASE-MSC-14245-1] Remote manipulator system [NASA-CASE-MFS-22022-1] Color N74-10099 Digital controller for a Baum folding machine providing automatic counting and machine shutoff [NASA-CASE-LAR-10688-1] Color control valve for high temperature fluids [NASA-CASE-MPO-11951-1] COUTEOL BOCKETS	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 N71-13518 System for continuous monitoring of exhalations, weighing, and cage cleaning for animal exposed to controlled atmosphere for toxic study [NASA-CASE-XAC-05333] c11 N71-22875 CONTROLLERS Unitary three-axis controller for flight vehicles within or outside atmosphere [NASA-CASE-XFR-00181] c21 N70-33279 Two axis flight controller with potentiometer control shafts directly coupled to rotatable ball members [NASA-CASE-XFR-04104] c03 N70-42073 Hand controller operable about three respectively perpendicular axes and capable of actuating signal generators for attitude control devices [NASA-CASE-XMS-07487] c15 N71-23255 Solid state controller three axes controller
Bridge-type gain control circuit [NASA-CASE-GSC-10786-1] Control circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] C12 N73-13656 Interferenter prism and control system for precisely determining direction to remote light source [NASA-CASE-ARC-10278-1] C14 N73-25463 Development and characteristics of variable ratio, mixed-mode, bilateral master-slave control system for space shuttle remote manipulator system [NASA-CASE-MSC-14245-1] Remote manipulator system [NASA-CASE-MFS-22022-1] Digital controller for a Baum folding machine providing automatic counting and machine shutoff [NASA-CASE-LAR-10688-1] rls N74-21056 Flow control valve for high temperature fluids [NASA-CASE-NPO-11951-1] CONTROL BOCKETS Unit for generating thrust from catalytic	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 N71-13518 System for continuous monitoring of exhalations, weighing, and cage cleaning for animal exposed to controlled atmosphere for toxic study [NASA-CASE-XAC-05333] c11 N71-22875 CONTROLLERS Unitary three-axis controller for flight vehicles within or outside atmosphere [NASA-CASE-XFR-00181] c21 N70-33279 Two axis flight controller with potentiometer control shafts directly coupled to rotatable ball members [NASA-CASE-XFR-04104] c03 N70-42073 Hand controller operable about three respectively perpendicular axes and capable of actuating signal generators for attitude control devices [NASA-CASE-XMS-07487] c15 N71-23255 Solid state controller three axes controller [NASA-CASE-MSC-12394-1] c03 N74-10942 CONVECTIVE FION
Bridge-type gain control circuit [NASA-CASE-MSC-10786-1] Control circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] Colored the converter power source for spacecraft [NASA-CASE-NPO-13114-1] Colored to remote light source [NASA-CASE-NBC-10278-1] Development and characteristics of variable ratio, mixed-mode, bilateral master-slave control system for space shuttle remote manipulator system [NASA-CASE-MSC-14245-1] Colored to remote manipulator system [NASA-CASE-MSC-2022-1] Digital controller for a Baum folding machine providing automatic counting and machine shutoff [NASA-CASE-LAR-10688-1] Flow control valve for high temperature fluids [NASA-CASE-NPO-11951-1] CONTROL ROCKETS Unit for generating thrust from catalytic decomposition of hydrogen peroxide, for high	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 N71-13518 System for continuous monitoring of exhalations, weighing, and cage cleaning for animal exposed to controlled atmosphere for toxic study [NASA-CASE-XAC-05333] c11 N71-22875 CONTROLLERS Unitary three-axis controller for flight vehicles within or outside atmosphere [NASA-CASE-XFR-00181] c21 N70-33279 Two axis flight controller with potentiometer control shafts directly coupled to rotatable ball members [NASA-CASE-XFR-04104] c03 N70-42073 Hand controller operable about three respectively perpendicular axes and capable of actuating signal generators for attitude control devices [NASA-CASE-XFR-0487] c15 H71-23255 Solid state controller three axes controller [NASA-CASE-MSC-12394-1] c03 N74-10942 CONVECTIVE FLOW Design and development of device to prevent geysering during convective circulation of
Bridge-type gain control circuit [NASA-CASE-GSC-10786-1] Control circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] C12 N73-13656 Interferenter prism and control system for precisely determining direction to remote light source [NASA-CASE-ARC-10278-1] C14 N73-25463 Development and characteristics of variable ratio, mixed-mode, bilateral master-slave control system for space shuttle remote manipulator system [NASA-CASE-MSC-14245-1] Remote manipulator system [NASA-CASE-MFS-22022-1] Digital controller for a Baum folding machine providing automatic counting and machine shutoff [NASA-CASE-LAR-10688-1] rls N74-21056 Flow control valve for high temperature fluids [NASA-CASE-NPO-11951-1] CONTROL BOCKETS Unit for generating thrust from catalytic	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 M71-13518 System for continuous monitoring of exhalations, weighing, and cage cleaning for animal exposed to controlled atmosphere for toxic study [NASA-CASE-XAC-05333] c11 M71-22875 CONTROLLERS Unitary three-axis controller for flight vehicles within or outside atmosphere [NASA-CASE-XFR-00181] c21 M70-33279 Two axis flight controller with potentiometer control shafts directly coupled to rotatable ball members [NASA-CASE-XFR-04104] c03 M70-42073 Wand controller operable about three respectively perpendicular axes and capable of actuating signal generators for attitude control devices [NASA-CASE-XMS-07487] c15 M71-23255 Solid state controller three axes controller [NASA-CASE-MSC-12394-1] c03 M74-10942 CONVECTIVE PLOW Design and development of device to prevent geysering during convective circulation of cryogenic fluids
Bridge-type gain control circuit [NASA-CASE-SCSC-10786-1] Control circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] Colored and control system for precisely determining direction to remote light source [NASA-CASE-NAC-10278-1] Development and characteristics of variable ratio, mixed-mode, bilateral master-slave control system for space shuttle remote manipulator system [NASA-CASE-NSC-14245-1] Colored manipulator system [NASA-CASE-MFS-22022-1] Digital controller for a Baum folding machine providing automatic counting and machine shutoff [NASA-CASE-LAR-10688-1] Flow control valve for high temperature fluids [NASA-CASE-MPO-11951-1] Coursol Bockets Unit for generating thrust from catalytic decomposition of hydrogen peroxide, for high altitude aircraft or spacecraft reaction control	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 N71-13518 System for continuous monitoring of exhalations, weighing, and cage cleaning for animal exposed to controlled atmosphere for toxic study [NASA-CASE-XAC-05333] c11 N71-22875 CONTROLLERS Unitary three-axis controller for flight vehicles within or outside atmosphere [NASA-CASE-XFR-00181] c21 N70-33279 Two axis flight controller with potentiometer control shafts directly coupled to rotatable ball members [NASA-CASE-XFR-04104] c03 N70-42073 Hand controller operable about three respectively perpendicular axes and capable of actuating signal generators for attitude control devices [NASA-CASE-XFR-0487] c15 H71-23255 Solid state controller three axes controller [NASA-CASE-MSC-12394-1] c03 N74-10942 CONVECTIVE FLOW Design and development of device to prevent geysering during convective circulation of
Bridge-type gain control circuit [NASA-CASE-MSC-10786-1] c10 N72-28241 Control circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] c22 N73-13656 Interferometer prism and control system for precisely determining direction to remote light source [NASA-CASE-NBC-10278-1] c14 N73-25463 Development and characteristics of variable ratio, mixed-mode, bilateral master-slave control system for space shuttle remote manipulator system [NASA-CASE-MSC-14245-1] c31 N73-30832 Remote manipulator system [NASA-CASE-MSC-2022-1] c05 N74-10099 Digital controller for a Baum folding machine providing automatic counting and machine shutoff [NASA-CASE-LAR-10688-1] c15 N74-21056 Flow control valve for high temperature fluids [NASA-CASE-NPO-11951-1] c15 N74-21065 CONTBOL BOCKETS Unit for generating thrust from catalytic decomposition of hydrogen peroxide, for high altitude aircraft or spacecraft reaction control [NASA-CASE-INS-00583] c28 N70-38504 COMERCI BODS Nuclear reactor control rod assembly with	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 N71-13518 System for continuous monitoring of exhalations, weighing, and cage cleaning for animal exposed to controlled atmosphere for toxic study [NASA-CASE-XAC-05333] c11 N71-22875 CONTROLLERS Unitary three-axis controller for flight vehicles within or outside atmosphere [NASA-CASE-XFR-00181] c21 N70-33279 Two axis flight controller with potentiometer control shafts directly coupled to rotatable ball members [NASA-CASE-XFR-04104] c03 N70-42073 Mand controller operable about three respectively perpendicular axes and capable of actuating signal generators for attitude control devices [NASA-CASE-XMS-07487] c15 N71-23255 Solid state controller three axes controller [NASA-CASE-MSC-12394-1] c03 N74-10942 CONVECTIVE PLOW Design and development of device to prevent geysering during convective circulation of cryogenic fluids [NASA-CASE-KSC-10615] c15 N73-12486
Bridge-type gain control circuit [NASA-CASE-GSC-10786-1] c10 N72-28241 Control circuit for nuclear thermionic converter power source for spacecraft [NASA-CASE-NPO-13114-1] c22 N73-13656 Interferometer prism and control system for precisely determining direction to remote light source [NASA-CASE-ARC-10278-1] c14 N73-25463 Development and characteristics of variable ratio, mixed-mode, bilateral master-slave control system for space shuttle remote manipulator system [NASA-CASE-MSC-14245-1] c31 N73-30832 Remote manipulator system [NASA-CASE-MSC-14245-1] c05 N74-10099 Digital controller for a Baum folding machine providing automatic counting and machine shutoff [NASA-CASE-LAR-10688-1] c15 N74-21056 Flow control valve for high temperature fluids [NASA-CASE-NPO-11951-1] c15 N74-21065 CONTROL BOCKETS Unit for generating thrust from catalytic decomposition of hydrogen peroxide, for high altitude aircraft or spacecraft reaction control [NASA-CASE-XMS-00583] c28 N70-38504 COMERCI BODS	and ignition limits of nonmetallic materials in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 M71-13518 System for continuous monitoring of exhalations, weighing, and cage cleaning for animal exposed to controlled atmosphere for toxic study [NASA-CASE-XAC-05333] c11 M71-22875 CONTROLLERS Unitary three-axis controller for flight wehicles within or outside atmosphere [NASA-CASE-XFR-00181] c21 M70-33279 Two axis flight controller with potentiometer control shafts directly coupled to rotatable bail members [NASA-CASE-XFR-04104] c03 M70-42073 Whand controller operable about three respectively perpendicular axes and capable of actuating signal generators for attitude control devices [NASA-CASE-XKS-07487] c15 M71-23255 Solid state controller three axes controller [NASA-CASE-MSC-12394-1] c03 M74-10942 CONVECTIVE PLOW Design and development of device to prevent geysering during convective circulation of cryogenic fluids [NASA-CASE-KSC-10615] c15 M73-12486

[NASA-CASE-NPO-10617] c14 N70-12618	[NASA-CASE-XLA-08966-1] c17 N71-259Q3 COPPER COMPOUNDS
Electrical device for developing converging	Gallium arsemide solar cell preparation by
spherical shock waves [NASA-CASE-MFS-20890] c14 N72-22439	surface deposition of cuprous iodide on thin n-type polycrystalline layers and heating in
CONVERGENT-DIVERGENT NOZZLES	iodine vapor [NASA-CASE-XNP-01960] c09 N71-23027
Gimbaled partially submerged nozzle for solid propellant rocket engines for providing	Cooling and radiation protection of ruby lasers
directional control	using copper sulfate solution in alcohol
[NASA-CASE-XMF-01544] c28 N70-34162	[NASA-CASE-MFS-20180] c16 N72-12440 COPPER FLUORIDES
Regenerative cooling system for rocket combustion chamber using coolant tubes in	Method to produce high purity copper fluoride by
convergent-divergent nozzle	heating copper hydroxyfluoride powder and
[NASA-CASE-XLE-04857]	subjecting to flowing fluorine gas [NASA-CASE-LEW-10794-1] c06 N72-17093
CONVOLUTION INTEGRALS Learning decoders for decoding compatible	CORDAGE
convolutional codes	Pabrication of root cord restrained fabric suit
[NASA-CASE-MSC-14070-1]	sections from sheets of fabric [NASA-CASE-MSC-12398] c05 N72-20098
COOLANTS Simulated fuel assembly-type flow measurement	CORE STORAGE
apparatus for coolant flow in reactor core	Memory device employing semiconductor and
[NASA-CASE-XLE-00724] c14 H70-34669 COOLING	ferroelectric properties of single crystal barium titanate
Microwave power receiving antenna solving heat	[NASA-CASE-ERC-10307] c08 N72-21198
dissipation problems by construction of	CORRS
elements as heat pipe devices [NASA-CASE-MFS-20333] c09 N71-13486	Method of making rolling element bearings [NASA-CASE-LEW-11087-2] c15 N74-15128
Dissipative voltage regulator system for	CORRECTION
minimizing heat dissipation	Doppler frequency shift correction device for
[NASA-CASE-GSC-10891-1] c10 N71-26626 Cooling and radiation protection of ruby lasers	multiplex communication with Applications Technology Satellites
using copper sulfate solution in alcohol	[NASA-CASE-XGS-02749] c07 N69-39978
[NASA-CASE-MFS-20180] c16 N72-12440	CORRELATION DETECTION
COOLING SYSTEMS Automatic thermal switch for improving	Phase detector with time correlation integrator for frequency multiplexed signals
efficiency of cooling gases below 40 K	[NASA-CASE-GSC-11744-1] c09 N73-23291
[NASA-CASE-XNP-03796] c23 N71-15467 Differential thermopile for measuring cooling	CORRELATORS Synghoppus detection system for detecting week
water temperature rise	Synchronous detection system for detecting weak radio astronomical signals
[NASA-CASE-XAC-00812] c14 N71-15598	[NASA-CASE-XNP-09832] C30 N71-23723
Electric power system with circulatory liquid coolant cooling system	CORROSION PREVENTION Vapor deposited laminated nitride-silicon
[NASA-CASE-MFS-14114-2] C09 N71-24807	coating for corrosion prevention of
Portable cryogenic cooling system design	carbonaceous surfaces
including turbine pump, cooling chamber, and atomizer	[NASA-CASE-XLA-00284] c15 N71-16075 Method to prevent stress corrosion cracking in
[NASA-CASE-NPO-10467] c23 N71-26654	titanium alloys
Development and characteristics of natural	[NA5A-CASE-NPO-10271] c17 N71-16393
circulation radiator for use with nuclear power plants installed in lunar space stations	Method and apparatus for inducing compressive stresses in pressure vessel to prevent stress
[NASA-CASE-XHQ-03673] c33 N71-29046	corrosion
Development and characteristics of cooling system to maintain temperature of rack mounted	[NASA-CASE-NLA-07390] c15 N71-18616 Development of fluoride coating to prevent
electronic modules	oxidation of beryllium surfaces at elevated
[NASA-CASE-MSC-12389] c33 N71-29052	temperatures
Development of method for cooling high temperature wall members with cooling medium	[NASA-CASE-LEW-10327] c17 N71-33408 Prevention of hydrogen embrittlement of high
having high heat absorption capability	strength steel by additive potassium
[NASA-CASE-HQN-00938] c33 N71-29053	hydroxide in hydrazine
Apparatus for liquid spray cooling of turbine blades	[NASA-CASE-NPO-12122-1] c27 N74-20397 CORROSION RESISTANCE
[NASA-CASE-XLE-00027] c33 N71-29152	High strength, corrosion resistant cobalt-based
<pre>Badial heat flux transformer for use in heating and cooling processes</pre>	alloys for aerospace structures
[NASA-CASE-NPO-10828] c33 N72-17948	[NASA-CASE-XLE-00726] c17 N71-15644 Hydrazine monoperfluoro alkanoate solder flux
Light shield and cooling apparatus for high	leaving corrosion resistant coating, for
intensity ultraviolet lamps [NASA-CASE-LAR-10089-1] c15 N73-13474	netals such as copper [NASA-CASE-INP-03459-2] c18 N71-15688
COORDINATES	High temperature cobalt-base alloy resistant to
Mechanical coordinate converter for use with	corrosion by liquid metals and to sublimation
spacecraft tracking antennas [NASA-CASE-XNP-00614] c14 N70-36907	in vacuum environment [NASA-CASE-XLE-02991] c17 N71-16025
System for locating lightning strokes by	Metal soldering with hydrazine monoperfluoro
coordination of directional antenna signals [NASA-CASE-KSC-10729-1] c09 N73-32110	alkanoate for corrosion resistant coatings
[NASA-CASE-KSC-10729-1] c09 N73+32110	[NASA-CASE-XNP-03459] c15 N71-21078 COSINE SERIES
Method for producing alternating ether-silorane	Service life of electromechanical device for
copolymers with stable properties when exposed to elevated temperatures and UV radiation	generating sine/cosine functions
[NASA-CASE-IMF-02584] c06 N71-20905	[NASA-CASE-LAR-10503-1] C09 N72-21248 Function generators for producing complex
Preparation of dicyanoacetylene and vinylidene	wibration mode patterns used to identify
copolymers using organic compounds [NASA-CASE-INP-03250] c06 N71-23500	vibration mode data [NASA-CASE-LAR-10310-1]
COPPER	[NASA-CASE-LAR-10310-1] c10 N73-20253 COSMIC DUST
Development of method for etching copper	Sensor for detecting and measuring energy,
[NASA-CASE-XGS-06306] c17 N71-16044 Method of plating copper on aluminum to permit	<pre>velocity and direction of travel of a cosmic dust particle</pre>
conventional soldering of structural aluminum	[NASA-CASE-GSC-10503-1] c14 N72-20381
bodies	- · · · · · · · · · · · · · · · · · · ·

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Cosmic dust analyzer using ion time of flight techniques to determine constituency of	Phase modulator with tuned wariable length electrical lines including coupling and
hypervelocity particles such as micrometeroids	varactor diode circuits
[NASA-CASE-HSC-13802-1] c30 N72-20805	[NASA-CASE-MSC-13201-1] CO7 N71-28429
System for detecting impact position of cosmic dust on detector surface	High efficiency transformerless amplitude modulator coupled to RF power amplifier
[NASA-CASE-GSC-11291-1] c25 N72-33696	[NASA-CASE-GSC-10668-1] C07 N71-28430
COUCHES	Automatic quadrature control and measuring system
Shock absorbing couch for body support under	using optical coupling circuitry [NASA-CASE-MFS-21660-1]
high acceleration or deceleration forces [NASA-CASE-XMS-01240] c05 N70-35152	[NASA-CASE-MFS-21660-1]
Low onset rate energy absorber in form of strut	Releasable coupling device designed to receive
assembly for crew couch of Apollo command module	and retain matching ends of electrical
[NASh-CASE-MSC-12279-1] c15 N70-35679 Shock absorbing articulated multiple couch	Connectors [NASA-CASE-XMS-07846-1] c09 N69-21927
assembly	Stage separation using remote control release of
[NASA-CASE-MSC-11253] c05 N71-12343	joint with explosive insert
Collapsible couch system for manned space vehicles [NASA-CASE-MSC-13140] c05 N72-11085	[NASA-CASE-XLA-02854] c15 N69-27490 Space vehicle stage coupling and quick release
CODIONATERS	separation mechanism
Alkaline-type coulometer cell for primary charge	[NASA-CASE-XLA-01441] c15 N70-41679
Control in secondary battery recharge circuits [NASA-CASE-MGS-05434] c03 N71-20491	Standard coupling design for mass production [NASA-CASE-XMS-02532] c15 N70-41808
Development and characteristics of battery	[NASA-CASE-XMS-02532] c15 N70-41808 Quick-release coupling for fueling rocket
charging circuits with coulometer for control	wehicles with cryogenic propellants
of available current	[NASA-CASE-XKS-01985] c15 N71-10782
[NASA-CASE-GSC-10487-1] c03 N71-24719 COUNTERS	Ratchet mechanism for high speed operation at reduced backlash
Circuit for measuring wide range of pulse rates	[NASA-CASE-MFS-12805] c15 N71-17805
by utilizing high capacity counter	Split nut and bolt separation device
[NASA-CASE-INP-06234] c10 N71-27137 Electronic strain level counter on in-flight	[NASA-CASE-XNP-06914] c15 N71-21489 Quick disconnect duct coupling device for
aircraft .	single-handed operation
[NASA-CASE-LAR-10756-1] c32 N73-26910	[NASA-CASE-MFS-20395] c15 N71-24903
COURTING CIRCUITS Rocket-borne aspect sensor consisting of	Coupling arrangement for isolating torque loads from axial, radial, and bending loads
radiation sensor, apertured disk, connutator,	[NASA-CASE-XLA-04897] c15 N72-22482
and counting circuits	COVERINGS
[NASA-CASE-XGS-08266] c14 N69-27432 Design of transistorized ring counter circuit	Apparatus for ejecting covers of instrument packages using differential pressure principle
with special steering and triggering circuits	[NASA-CASE-XMF-04132] c15 N69-27502
[NASA-CASE-XGS-03095] c09 N69-27463	Transparent plastic film for attaching cover
Counter-divider circuit for accuracy and reliability in binary circuits	glasses to silicon solar cells
[NASA-CASE-XMF-00421] c09 N70-34502	[NASA-CASE-LEW-11065-1] c03 N72-11064 CRACKING (FRACTORING)
Reversible ring counter using cascaded single	Method to prevent stress corrosion cracking in
silicon controlled rectifier stages [NASA-CASE-XGS-01473] c09 N71-10673	titanium alloys [NASA-CASE-NPO-10271] c17 N71-16393
Capacitor sandwich structure containing metal	Development of method and equipment for
sheets of known thickness for counting	detecting cracks in materials with porous
penetration rates of meteoroids [NASA-CASE-XLE-01246] c14 N71-10797	subsurface matrix covered by impervious coating [NASA-CASE-MSC-14187-1] c14 N73-17564
Electronic counter circuit utilizing magnetic	Improved silicide coatings for refractory metals
core and low power consumption	employed in space shuttles and gas turbine
[NASA-CASE-XNP-08836] c09 N71-12515 Synchronous counter design incorporating	engine components [NASA-CASE-LEH-11179-1] c17 N73~22474
cascaded binary stages driven by previous	[NASA-CASE-LEH-11179-1] c17 N73-22474 CREEP RUPTURE STRENGTH
stages and inputs through NAND gates	Nickel base alloy with resistance to oxidation
[NASA-CASE-XGS-02440] c08 N71-19432	at high temperatures and superior
Digital cardiotachometer incorporating circuit for measuring heartbeat rate of subject over	stress-rupture properties [NASA-CASE-XLE-02082] c17 N71-16026
predetermined portion of one minute also	CRITICAL EXPERIMENTS
converting rate to heats per minute	Apparatus and process for volumetrically
[NASA-CASE-XMS-02399] c05 N71-22896 Computer circuit performing both counting and	dispensing reagent quantities of volatile chemicals for small batch reactions
shifting logic operations also capable of	[NASA-CASE-NPO-10070] c15 N71-27372
miniaturization and integration in basic circuits	CROSSED FIELDS
[NASA-CASE-INP-01753] c08 N71-22897	Crossed-field plasma accelerator for laboratory simulation of atmospheric reentry conditions
Noninterruptable digital Counter circuit design	[NASA-CASE-XLA-00675] c25 N70-33267
with display device for pulse frequency	Direct conversion of thermal energy into
nodulation [NASA-CASE-XNP-09759] c08 N71-24891	electrical energy using crossed electric and magnetic fields
Diode-quad bridge circuit means	[NASA-CASE-XLE-00212] c03 N70-34134
[NASA-CASE-ARC-10364-2(B)] c09 N74-14941	Crossed field NHD plasma generator-accelerator
COUPLING Coupling device for linear shaped charge for	[NASA-CASE-XLA-03374] c25 N71-15562 CROSSLIBKING
space vehicle abort system	New trifunctional alcohol derived from trimer
[NASA-CASE-XLA-00189] c33 N70-36846	acid and novel method of preparation
Base support for expansible and contractible coupling between two members	[NASA-CASE-NPO-10714] c06 N69-31244 CRUCIBLES
[NASA-CASE-NPO-11059] c15 N72-17454	Evaporating crucible of tantalum-tungsten foil.
COUPLING CIRCUITS	nickel alumina bonding agent, and ceramic
Interrogator and current driver circuit for combination with transistor flip-flop circuit	coating [NASA-CASE-XLA-03105] c15 N69-27483
[NASA-CASE-XGS-03058] c10 N71-19547	CRUDE OIL
Antenna array at focal plane of reflector with coupling network for beam switching	Decontamination of petroleum products with honey
[NASA-CASE-GSC-10220-1] C07 N71-27233	[NASA-CASE-XNP-03835] c06 N71-23499
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COMPANY A ROUTEN DES	Superconducting alternator design with cryogenic
CRYOGENIC RQUIPERNT Gas balancing, cryogenic refrigeration apparatus	fluid for cooling windings below critical
with Joule-Thomson walve assembly	temperature
[NASA-CASE-NPO-10309] c15 N69-23190	[NASA-CASE-XLE-02823] c09 N71-23443 Flow angle sensor and remote readout system for
Low thermal loss piping arrangement for moving cryogenic media through double chamber structure	use with cryogenic fluids
[NASA-CASE-XNP-08882] C15 N69-39935	[NASA-CASE-XLE-04503] C14 N71-24864
Method and apparatus for removing plastic	Design and development of device to prevent geysering during convective circulation of
insulation from wire using cryogenic equipment [NASA-CASE-MFS-10340] c15 N71-17628	cryogenic fluids
Dual solid cryogens for spacecraft refrigeration	[NASA-CASE-KSC-10615] c15 N73-12486
insuring low temperature cooling for extended	Pump for cryogenic liquids using magnetocaloric
periods [NASA-CASE-GSC-10188-1] c23 N71-24725	material [NASA-CASE-LEW-11672-1] c15 N73-14479
Reliability of automatic refilling valving	CHYOGENIC GYROSCOPES
device for cryogenic liquid systems	Cryogenic gyroscope housing with annular disks for gas spin-up
[NASA-CASE-NPO-11177] c15 N72-17453 Dual stage check valve for cryogenic supply	[NASA-CASE-MFS-21136-1] c23 N74-18323
systems used in space flight environmental	CRYOGENIC MAGNETS
control System	Improved alternator with windings of
(NASA-CASE-MSC-13587-1) c15 N73-30459 CRYOGENIC FLUID STORAGE	superconducting materials acting as permanent magnet
Apparatus for cryogenic liquid storage with heat	[NASA-CASE-ILE-02824] c03 N69-39890
transfer reduction and for liquid transfer at	Reat operated cryogenic electrical generator
zero gravity conditions rnasa-case-xle-003451 c15 N70-38020	using liquid helium conversion [NASA-CASE-NPO-13303-1] c03 N74-19701
[NASA-CASE-XLE-00345] c15 N70-38020 Cryogenic storage system for gases onboard	CRYOGENIC ROCKET PROPELLANTS
spacecraft	Quick-release coupling for fueling rocket
[NASA-CASE-XMS-04390] G31 N70-41871	<pre>vehicles with cryogenic propellants (NASA-CASE-XKS-01985]</pre>
Carbon dioxide purge systems to prevent condensation in spaces between cryogenic fuel	Hot-wire liquid level detector for cryogenic
tanks and hypersonic vehicle skin	propellants
[NASA-CASE-XLA-01967] c31 N70-42015	[NASA-CASE-XLE-00454] c23 N71-17802
Pabrication of filament wound propellant tank for cryogenic storage	Automatically reciprocating, high pressure pump for use in spacecraft cryogenic propellants
[NASA-CASE-XLE-03803-2] c15 N71-17651	[NASA-CASE-XNP-04731] c15 N71-24042
Prefabricated multilayered self-evacuating	CRYOGENIC STORAGE
insulation panels using gas with low wapor	Light weight plastic foam thermal insulation for cryogenic storage
pressure at cryogenic temperatures for application to storage of cryogens	[NASA-CASE-XLE-02647] c18 N71-23658
[NASA-CASE-XLE-04222] c23 N71-22881	pevelopment of foam insulation for filament
Multilayer insulation panels for cryogenic	wound cryogenic storage tank [NASA-CASE-XLB-03803] c15 N71-23816
liquid containers [NASA-CASE-MFS-14023] c33 N71-25351	CRYOGENICS
Development of thermal insulation material for	High strength aluminum casting alloy for
insulating liquid hydrogen tanks in spacecraft [NASA-CASE-XMP-05046] c33 N71-28892	cryogenic applications in aerospace engineering [NASA-CASE-XMF-02786] c17 N71-20743
[NASA-CASE-XMF-05046] c33 N71-28892 Heater-mixer for stored fluids	Portable cryogenic cooling system design
[NASA-CASE-ARC-10442-1] c14 N74-15093	including turbine pump, cooling chamber, and
CRIOGRNIC FLUIDS	atomizer [NASA-CASE-NPO-10467]
Cryogenic flux-gated magnetometer using superconductors	CRYOLITE CASE-REO-10407
[NASA-CASE-XAC-02407] c14 N69-27423	Ultraviolet filter of thorium fluoride and
Fuel tank pressure-relief device for venting	cryolite on quartz base [NASA-CASE-XNP-02340]
cryogenic liquid wapors through tubes with porous plug	CRYOSTATS 02540 J 02540 J
[NASA-CASE-XLE-00288] c15 N70-34247	Cryostat for flexure fatigue testing of
Conical valve plug for use with reactive	composite materials [NASA-CASE-XMF-02964] c14 N71-17659
cryogenic fluids [NASA-CASE-XLE-00715] c15 N70-34859	Cryostat for use with horizontal fatigue testing
Two component valve assembly for cryogenic	machines at low temperatures
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[NASA-CASE-XLE-00397] c15 N70-36492 Measuring density of single and two-phase	[NASA-CASE-ARC-10442-1] c14 N74-15093
cryogenic fluids in rocket fuel tanks	CRISTAL FILTERS
[NASA-CASE-XLE-00688] c14 N70-41330 Leakproof soft metal seal for use in very high	Infrared tunable dye laser with nonlinear
vacuum systems operating at cryogenic	wavelength mixing crystal in optical cavity [NASA-CASE-ARC-10463-1] c09 N73-32111
temperatures	CRYSTAL GROWTH
[NASA-CASE-XGS-02441] c15 N70-41629	Device for producing high purity silicon carbide
High pressure liquid flow sight assembly for wide temperature range applications including	on carbon base by hydrogen reduction of silicon tetrachloride
cryogenic fluids	[NASA-CASE-XLA-02057] C26 N70-40015
[NASA-CASE-XLE-02998] c14 N70-42074	Electrodeposition method for producing
Automatic thermal switch for improving efficiency of cooling gases below 40 K	crystalline material from dense gaseous medium [NASA-CASE-NPO-10440] c15 N72-21466
[NASA-CASE-XNP-03796] d23 N71-15467	CRYSTAL OSCILLATORS
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cryogenic liquid under zero gravity and for venting gas from fuel tank	detecting condensible gas contaminants in vacuum apparatus
[NASA-CASE-XLE-00586] c15 N71-15968	[NASA-CASE-NPO-10144] c14 N71-17701
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particles in cryogenic liquid hath for gelled rocket propellants	[NASA-CASE-GSC-10413] c10 N71-26531 CRYSTALS
[NASA-CASE-NPO-10250] c23 N71-16212	Brushless dc tachometer design with Hall effect
- · · · · · · · · · · · · · · · · · · ·	crystals and output voltage magnitude
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proportional to rotor speed [NASA-CASE-HFS-20385] c09 N71-24904	parameters
CULTURE TROUBLOURS	I NASA-CASE-XMS-01554] c10 N71-10578
Development of variable angle device for	Pabrication of curved reflector segments for
positioning test tubes to permit optimum drying of culture medium	solar mirror [NASA-CASE-XLE-08917] c15 N71-15597
	Hethod and apparatus for bowing of instrument
Automatic inoculating device for agar trays using cotton swab or loop	panels to improve radio frequency shielded enclosure
[NASA-CASE-LAR-11074-1] c05 N73-16096	
Automatic microbial transfer device [NASA-CASE-LAR-11354-1] c14 N74-10422	Space erectable rollup solar array of arcuate solar panels furled on tapered drum for
CURRENT DESSITY	spacecraft storage during launch
Solid state switching circuit design to increase current capacity of low rated relay contacts	[NASA-CASE-NPO-10188]
[NASA-CASE-XNP-09228] c09 N69-27500	Forming mold for polishing and machining curved solar magnesium reflector with reinforcing ribs
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[NASA-CASE-XLA-01288] c09 N69-21470	[NASA-CASE-XMS-04178]
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[NASA-CASE-XNP-00952] c10 N71-23271	panel
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[NASA-CASE-XMS-09352] c09 N71-23316	fire resistant, heat insulating materials
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controlling peak current flow in high capacity	deformations
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Simulating Voltage-current characteristic curves of solar cell panel with different operational	[NASA-CASE-XLA-01989] c21 N70-34295
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Slosh damping method for liquid rocket	tape recording of PCM data and timing
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FNICI_CREP_VMP=006581 C12 N/0=3899/	[NASA-CASE-NPO-12107] c08 N71-27255 Digital data handling circuits for pulse
ntilization of momentum devices for forming	amplifiers
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f wasa-case-gsc-10306-1]	DATA PROCESSING EQUIPMENT Data processor having multiple sections
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	power coupling to sections
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rwasa_case=6sc=10083=11	pata processor with plural register stages for
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[NASA-CASE-GSC-11182-1] C31 N73-32769 DATA COMPRESSION	singles to show state of various indicators in
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[MASA-CASE-ERC-10048] c09 N72-25251	Development of data storage system for storing
Digital converter for scaling binary number to	digital data in high density format on
binary coded decimal number of higher multiple fNASA-CASE-KSC-105951 c08 N73-12176	magnetic tape [NASA-CASE-INP-02778] c08 N71-22710
[NASA-CASE-KSC-10595] c08 N73-12176 Image data rate converter having a drum with a	Transient video signal tape recorder with
fixed head and a rotatable head	expanded playback
[NASA-CASE-NPO-11659-1] c14 N74-11283	[NASA-CASE-ARC-10003-1] c09 N71-25860
DATA LINES	apparatus for on-film optical recording of camera lens aperture and focus setting
Characteristics of two channel telemetry system	[NASA-CASE-MSC-12363-1] C14 N7 3-2643
with two data rate channels for high and low data rate communication	Image data rate converter having a drum with a
[NASA-CASE-NPO-11572] c07 N73-16121	fixed head and a rotatable head
Automatic accounting system for transfer of data	[NASA-CASE-NPO-11659-1] C14 N74-1128:
from terminals to computer	DATA REDUCTION
[NASA-CASE-NPO-11456] c08 N73-26176	System for storing histogram data in optimum
DATA PROCESSING Data processing and display system for terminal	number of elements [NASA-CASE-XNP-09785] c08 N69-2192
Data processing and display system for terminal quidance of X-15 aircraft	Respiration analyzing method and apparatus for
[NASA-CASE-XFR-00756] c02 N71-13421	determining subjects oxygen consumption in
Encoders designed to generate comma free	aerospace environments
biorthogonal Reed-Muller type code comprising	[MASA-CASE-XPR-08403] C05 N71-1120 Minimum time delay unit for conventional time
conversion of 64 6-bit words into 64 32-bit	multiplexed data compression channels
data for Communication purposes [NASA-CASE-NPO-10595] c10 N71-25917	rnasa-case-xnp-088321 cos n71-1250
Data acquisition and processing system with	Data compression processor for monitoring analog
buffer storage and timing device for magnetic	signals by sampling procedure

[NASA-CASE-NPO-10068] c08 N71-19288	use between demodulator and computer
Bide range analog data compression system	[NASA-CASE-XNP-09225] c09 N69-2433
[NASA-CASE-KGS-02612] CO8 N71-19435 Description of system for recording and reading	Phase shift data transmission system with
out data related to distribution of occurrence	pseudo-noise synchronization code modulated with digital data into single channel for
of plurality of events	spacecraft communication
[NASA-CASE-XNP-04067] c08 N71-22707	[NASA-CASE-XNP-00911] c08 n70-41961
Apparatus with summing network for compression	Binioun time delay unit for conventional time
of analog data by decreasing slope threshold sampling	multiplexed data compression channels [NASA-CASE-XNP-08832] c08 N71~12506
[NASA-CASE-NPO-10769] c08 N72-11171	Data compression processor for monitoring analog
Data reduction and transmission system for TV	signals by sampling procedure
PCM data	[NASA-CASE-NPO-10068] c08 N71-19288
[NASA-CASE-NPO-11243] c07 N72-20154 Data compression using decreasing slope	<pre>#ide range analog data compression system [NASA-CASE-XGS-02612]</pre>
threshold test and digital techniques	[NASA-CASE-XGS-02612] c08 N71-19435 Plural channel data transmission system with
[NASA-CASE-NPO-11630] c08 N72-33172	quadrature modulation and complementary
DATA BETRIEVAL	demodulation
Magnetic matrix memory system for nondestructive reading of information contained in matrix	[MASA-CASE-XAC-06302] COS N71-19763
[NASA-CASE-XMF-05835] CO8 N71-12504	Homitoring circuit design for sampling circuit control and reduction of time-bandwidth in
Procedure for repairing and recovering voice	video communication systems
data from heat damaged magnetic tapes	[NASA-CASE-INF-02791] c07 N71-23026
[NASA-CASE-HSC-14219-1] c07 N73-16132 Asynchronous, multiplexing, single line	Frequency shift keying apparatus for use with
transmission and recovery data system for	pulse code modulation data transmission system [NASA-CASE-XGS-01537] c07 N71-23405
satellite use	Binary data decoding device for use at receiving
[NASA-CASE-NPO-13321-1] c07 N74-19806	end of communication channel
DATA SAMPLING	[NASA-CASE-NPO-10118] c07 N71-24741
Monitoring circuit design for sampling circuit control and reduction of time-bandwidth in	Data reduction and transmission system for TV
video communication systems	PCH data [WASA-CASE-NPO-11243] G07 N72-20154
[NASA-CASE-XNP-02791] c07 N71-23026	Development of communication system for
Sampling circuit for signal processing in	transmitting differential phase shift keyed
Multiplex transmission by Fourier analysis	signals from input data bits without timing or
[NASA-CASE-NPO-10388] c07 N71-24622 Video signal processing system for sampling	phase reference signals
video brightness levels	[NASA-CASE-MSC-14065-1] c07 N73-10215 Design and development of closed-loop, digital
[NASA-CASE-NPO-10140] c07 N71-24742	data communication system using optimum number
Apparatus with summing network for compression	of interconnecting wires
of analog data by decreasing slope threshold	[NASA-CASE-MSC-13912-1] c07 N73-12151
sampling [NASA-CASE-NPO-10769]	Characteristics of two channel telemetry system
DATA SHOOTHING	with two data rate channels for high and low data rate communication
Variable time constant, wide frequency range	[NASA-CASE-NPO-11572] c07 N73-16121
smoothing network for noise removal from pulse	Telemetry and transmission system with
chains [NASA-CASE-MGS-01983] c10 N70-41964	programmed sampling and multiplexing [NASA-CASE-GSC-11388-1] c07 N73-24187
DATA STORAGE	[NASA-CASE-GSC-11388-1] C07 N73-24187 Automatic accounting system for transfer of data
Data handling based on source significance,	from terminals to computer
storage availability, and data received from	[NASA-CASE-NPO-11456] c08 N73-26176
source [NASA-CASE-XNP-04162-1] c08 N70-34675	DECAY BATES Solar sensor with coarse and fine sensing
Magnetic matrix memory system for nondestructive	elements for matching preirradiated cells on
reading of information contained in matrix	degradation rates
[NASA-CASE-XMF-05835] CO8 N71-12504	[BASA-CASE-XLA-01584] c14 N71-23269
Tape guidance system for multichannel digital recording system	DECELERATION
[NASA-CASE-XNP-09453] COS N71-19420	Assembly for opening flight capsule stabilizing and decelerating flaps with reference to
Event recorder with constant speed motor which	capsule recovery
rotates recording disk	[NASA-CASE-IHF-00641] c31 H70-36410
[NASA-CASE-XLA-01832] c14 N71-21006 System for recording and reproducing PCB data	Device for use in descending spacecraft as
from data stored on magnetic tape	altitude sensor for actuating deceleration retrorockets
[NASA-CASE-XGS-01021] c08 N71-21042	[MASA-CASE-IMS-03792] c14 H70-41812
Development of data storage system for storing	Development and characteristics of hot air
digital data in high density format on	balloon deceleration and recovery system
magnetic tape [NASA-CASE-EMP-02778] c08 N71-22710	[NASA-CASE-ILA-06824-2] c02 N71-11037
Multiple pattern holographic information storage	Zero gravity apparatus utilizing pneumatic decelerating means to create payload subjected
and readout system	to zero gravity conditions by dropping its.
[NASA-CASE-BRC-10151] c16 N71-29131	height
Momentum wheel design for spacecraft attitude control and magnetic drum and head system for	[NASH-CASE-XHF-06515] c14 N71-23227 DECIGALS
data storage	Digital converter for scaling binary number to
[NASA-CASE-NPO-11481] c21 N73-13644	binary coded decimal number of higher multiple
Data storage, image tube type	[NASA-CASE-KSC-10595] c08 N73-12176
[NASA-CASE-HSC-14053-1] c08 N74-12888	DECODERS
DATA SYSTERS pata handling based on source significance,	Serial digital decoder design with square
storage availability, and data received from	circuit matrix and serial memory storage units [NASA-CASE-NPO-10150] CO8 N71-24650
source	Binary to decimal decoder logic circuit design
[NASA-CASE-XNP-04162-1] c08 N70-34675	with feedback control and display device
pevelopment and characteristics of rate	[NASA~CASE~XKS~06167] C08 H71-24890
angmented digital to analog converter for computed time-dependent data	Design and development of encoder/decoder system
[NASA-CASE-XLA-07828] c08 N71-27057	to generate binary code which is function of outputs of plurality of bistable elements
DATA TRANSBISSION	[NASA-CASE-NPO-10342] c10 M71-33407
Telemetry data unit to form multibit words for	

SUBJECT INDEX DECODING

Learning decoders for decoding compatible	DELTA WINGS Delta winged, manned reentry vehicle capable of
convolutional codes [NASA-CASE-HSC-14070-1] c07 N72-27178	horizontal glide landing at low speeds
A-004740	DENIGRET CATION
Binary data decoding device for use at receiving end of communication channel	Tumbling motion system for object demagnetization
FURGE 636F-VD0-101181 GV/ N/1*4*/*!	DEMODULATION
Development and characteristics of data decoder to process convolution encoded information	plural channel data transmission system with
[NASA-CASE-NPO-11371] CVO N/3-121//	quadrature modulation and complementary demodulation
DECONTAMINATION Decontamination of petroleum products with honey	[NASA-CASE-XAC-06302] c08 N71-19763 Restoration and improvement of demodulated
[NASA-CASE-XMP-03835] c06 N71-23499 Heat exchanger and decontamination system for	facsimile video signals
multistage refrigeration unit	[NASA-CASE-GSC-10185-1] CO/ N/2-12081
[NASA-CASE-NPO-10634] C23 N/2-23013	DEMODULATORS Telemetry data unit to form multibit words for
DEEP SPACE NETWORK Low phase noise frequency divider for use with	use between demodulator and computer [NASA-CASE-XNP-09225] CO9 N69-24333
deep space network communication system [NASA-CASE-NPO-11569] c10 N73-26229	Prequency shift keyed demodulator - circuit
nebi ecajum	diagrams [NASA-CASB-XGS-02889] c07 N71-11282
Bipropellant injector with pair of concave deflector plates	nemodulator for simultaneous demodulation of two
[NASA-CASE-INP-09461] 628 N72-23809	modulating ac signal carriers close in frequency [NASA-CASE-XMP-01160] CO7 N71-11298
DEFLECTORS Deflector for preventing objects from entering	Development of demodulation system for removing
nacelle inlets of jet aircraft	amplitude modulation from two quadrature displaced data bearing signals
[NASA-CASE-XLE-00388] C28 N70-34768 Aircraft wheel spray drag alleviator for dual	[NASA-CASE-XAC-04030] C10 N/1-194/2
tandem landing gear	Calibrator for measuring and modulating or demodulating laser outputs
Ion beam deflector system for electronic thrust	[NASA-CASE-XLA-03410] c16 N71-25914 Threshold extension device for improving
<pre>vector control for ion propulsion yav, pitch, and roll forces</pre>	operating performance of frequency modulation
[NASA-CASE-LEW-10689-1] c28 N71-26173	demodulators by eliminating click-type noise
Optical retrodirective modulator with focus	impulses [NASA-CASE-MSC-12165-1]
spoiling reflector driven by modulation signal	Pull wave modulator-demodulator amplifier apparatus for generating rectified output
[NASA-CASE-GSC-10062] c14 N71-15605 DEFORMATION	signal
Deformation measuring apparatus with feedback	[NASA-CASE-PRC-10072-1] c09 N74-14939 DRHSITOMETERS
control for arbitrarily shaped structures [NASA-CASE-LAR-10098] c32 N71-26681	Capacitor for measuring density of compressible
revelopment of device for simulating cyclic thermal loading of flexible materials by	fluid in liquid, gas, or liquid and gas phases [NASA-CASE-XLE-00143] c14 N70-36618
application of mechanical stresses and	Measuring density of single and two-phase cryogenic fluids in rocket fuel tanks
deformations [NASA-CASE-LAR-10270-1] c32 N72-25877	[NASA-CASE-XLE-00688] C14 N70-41330
DRFORMETERS	Ultrasonic bone densitometer for measuring calcium content of bone structures
Development of strain gage mounting assembly for amplifying measurable deformation applied to	[NASA-CASE-MPS-20994-1] CO5 N73-30090
strain gage	DEMSITY DISTRIBUTION Increasing available power per unit area in ion
ERGRERS OF FREEDOM	rocket engine by increasing beam density
Attitude control training device for astronauts permitting friction-free movement with five	DENSITY MEASUREMENT
degrees of freedom	Capacitor for measuring density of compressible fluid in liquid, gas, or liquid and gas phases
[NASA-CASE-XMS-02977] c11 N71-10746 Tuned damped vibration absorber for mass	[NASA-CASE-XLE-00143] C14 N/0-30010
vibrating in more than one degree of freedom	measuring density of single and two-phase cryogenic fluids in rocket fuel tanks
for use with wind tunnel models [NASA-CASE-LAR-10083-1] c15 N71-27006	[NASA-CASE-XLE-00688] C14 N/0-41330
PRHUMIDIPICATION	Method for determining density of impacting particles by using Hugoniot curves
Condenser-separator for dehumidifying air utilizing sintered metal surface	[NASA-CASE-LAR-11059-1] C30 N73-26838
[NASA-CASE-XLA-08645] C15 N69-21465	Process for preparing calcium phosphate salts
PRHYDRATED FOOD Rice preparation process consisting of cooking,	for tooth repair
two freezing-thawing cycles, and then freeze	DEPLOYMENT
drying [NASA-CASE-MSC-13540-1] c05 N72-33096	Extendable, self-deploying boom apparatus
DELAY CIRCUITS Development of pulsed differential comparator	Deployable cantilever support for deploying
circuit	solar cell arrays aboard spacecraft and reducing transient loading
[NASA-CASE-XLE-03804] c10 N71-19471 Pulse duration control device for driving slow	[NASA-CASE-NPO-10883] c31 N72-22874
response time loads in selected sequence	<pre>perosition Means and methods of depositing thin films on</pre>
including switching and delay circuits and magnetic storage	substrates
[NASA-CASE-XGS-04224] c10 N71-26418	[NASA-CASE-XNP-00595] c15 N70-34967 Process for depositing pure metals by
DELAY LINES Development and characteristics of solid state	irradiating liquids
acoustic variable time delay line using direct current voltage and radio frequency pulses	[NASA-CASE-LEW-10906-1] c06 N72-25164 Dual wavelength system for monitoring film
[NASA-CASE-ERC-10032] c10 N71-25900	deposition
DBITA MODULATION Multifunction audio digitizer producing	DEALSCALON
direct delta and pulse code modulation	Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive
[NASA-CASE-MSC-13855-1] CO7 N74-17885	TH INGINGT CONDUCTIVE CONTRIL ATEN WASherve

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c26 N72-28762

means to determine flow rate and direction	esters	
[NASA-CASE-MSC-12084-1] c12 M71-17569	[NASA-CASE-LEH-11325-1]	¢06 ¥73-27980
Fluid leakage detection system with automatic monitoring capability	DIABONDS	
[NASA-CASE-LAR-10323-1] c12 N71-17573	Exponential horn, copper plate,	
Metal detection system with electromagnetic	and anvil in apparatus for mak [NASA-CASE-MPS-20698]	c15 N72-20446
transmitter with single coil and receiver with	Simplified technique and device	
single coil	industrial grade synthetic dia	
[NASA-CASE-ARC-10265-1] c10 N72-28240	[NASA-CASE-NFS-20698-2]	c15 N73-19457
System for detecting impact position of cosmic dust on detector surface	DIAPHRAGHS (BECHANICS)	
[NASA-CASE-GSC-11291-1] c25 N72-33696	Expulsion and measuring device f	
Detection of bacteria in biological fluids and	quantity of liquid in tank und weightlessness	er conductions or
Loods	[NASA-CASE-XMS-01546]	c14 N70-40233
[NASA-CASE-GSC-11533-1] c14 N73-13435	Reinforcing beam system for high	ly flexible
Short range laser obstacle detector for	diaphragms in valves or pressu	
surface vehicles using laser diode array [NASA-CASE-NPO-11856-1] c16 N74-15145	[NASA-CASE-XNP-01962]	c32 N70-41370
DETECTORS	Flexible rocket motor nozzle clo- aid ignition and protect rocke	
Pressurized cell micrometeoroid detector	foreign objects	c chamber ifon
[NASA-CASE-XLA-00936] c14 N71-14996	[NASA-CASE-XLA-02651]	c28 N70-41967
Development of large area micrometeoroid impact	Knife structure for controlling	rupture of shock
detector panels [NASA-CASE-XLA-05906] c31 N71-16221	tube diaphragms	
Development of pulse-activated polarographic	[NASA-CASE-XAC-00731] Magnetically opened diaphragm de:	c11 N71-15960
hydrogen detector	shutter and expansion tube app	
[NASA-CASE-IMF-06531] c14 N71-17575	[NASA-CASE-XLA-03660]	c15 N71-21060
Blectro-optical detector for determining	Design and development of inerti-	a diaphragm
position of light source [NASA-CASE-XNP-01059] c23 N71-21821	pressure transducer	
Method for locating leaks in hermetically sealed	[NASA-CASE-NAC-02981]	c14 N71-21072
Containers	Punch and die device for forming series in thin gage metal hemi:	
[NASA-CASE-ERC-10045] c15 N71-24910	[NASA-CASE-XNP-05297]	c15 N71-23811
Precipitation detector and mechanism for	Rubber composition for expulsion	
stopping and restarting machinery at initiation and cessation of rain	diaphragms for use with hydraz:	
[NASA-CASE-XLA-02619] c10 N71-26334	[NASA-CASE-NPO-11433]	c18 N71-31140
Hydrogen fire blink detector for high altitude	Development of differential press system using motion of mechanic	sure control v
rocket or ground installation	to operate electric switch	ogi diabutadas
[NASA-CASE-MPS-15063] c14 N72-25412	[NASA-CASE-HF5-14216]	c14 N73-13418
Device for detection of combustion light preceding gaseous explosions	DIASTOLIC PRESSURE	
[NASA-CASE-LAR-10739-1] c14 N73-16484	Automatic system for measuring an	nd monitoring
Optical imaging system for increasing light	systolic and diastolic blood pr	cessure in humans. cos N72-25142
absorption efficiency of imaging detector	DIATORIC GASES	003 112 23142
[NASA-CASE-ARC-10194-1] c23 N73-20741	Laser utilizing infrared rotation	transitions of
Cold cathode discharge tube with pressurized gas cell for meteoroid detection in space	diatomic gas for production of	different
[NASA-CASE-LAR-10483-1] c14 N73-32327	wavelengths	-46 977 40870
Leak detector with high vacuum seals	[NASA-CASE-ARC-10370-1] DIBLECTRIC PROPERTIES	c16 N72-10432
[NASA-CASE-LAR-11237-1] c14 N73-32344	Capacitive tank gaging device for	monitoring one
Multichannel logarithmic RF level detector	constituent of two phase fluid	by sensing
[NASA-CASE-LAR-11021-1] c14 N74-20019 Deployable pressurized cell structure for a	dielectric constant	
micrometeoroid detector	[NASA-CASE-MFS-21629] Fine particulate capture device	c14 N72-22442
[NASA-CASE-LAR-10295-1] c15 N74-21062	[NASA-CASE-LEW-11583-1]	c15 N74-13199
eto hation	DIBLECTRICS	C12 W14-12122
Development of technique and apparatus for	Fabricating solar cells with diel	ectric layers
optically detonating insensitive high explosives	to improve glass fusion	-
[NASA-CASE-NPO-11743-1] c33 N73-29959 ETOMATION HAVES	[NASA-CASE-IGS-04531]	C03_N69-24267
Detonation reaction engine comprising outer	Temperature sensitive capacitor of detecting very low intensity in	levice for
housing enclosing pair of inner walls for	[NASA~CASE-XNP-09750]	c14 N69-39937
continuous flow	Electrical power system for space	flight
[NASA-CASE-NMF-06926] c28 N71-22983	vehicles operating over extende	d periods
Gas chromatographic method for analyzing	[NASA-CASE-XMF-00517] Nose come mounted heat resistant	c03 N70-34157
hydrogen deuterium mixtures	comprising plurality of adjacen	antenna t lavers of
[NASA-CASE-NPO-11322] c06 N72-25146	silica not introducing paths of	high thermal
IAGNOSIS	conductivity through ablative s	hield
Apparatus for producing high purity I-123 for thyroid measurement	[NASA-CASE-XHS-04312]	c07 N71-22984
[NASA-CASE-LEW-10518-3] c15 N74-10476	Broadband microwave waveguide win	dos to
TAGRAMS	compensate dielectric material [NASA~CASE-INP-08880]	c09 N71-24808
Phototransistor with base collector junction	Laser machining device with diele	ctric
diode for integration into photo sensor arrays.	functioning as beam waveguide f	or mechanical
[NASA-CASE-MFS-20407] G09 N73-19235	and medical applications	
IASIMES Preparation of elastomeric diamine silazane	[NASA-CASE-RQN-10541-2]	c15 N71-27135
polymers	Quasi-optical microwave circuit a body for use with oversize wave	TITE dielectric
[NASA-CASE-XMF-04133] c06 N71-20717	[NASA~CASE-ERC-10011]	CO7 N71-29065
Synthesis of aromatic diamines and dialdehyde	Semiconductor device manufacture	nging
polymers using Schiff base	refractory dielectrics as diffu	sant masks and
[NASA-CASE-XMF-03074] c06 N71-24740 Synthesis of siloxane containing epoxide and	interconnection insulating mate	rials
diamine polymers	[NASA-CASE-XER-08476-1] Material compositions and process	c26 N72-17820
[NASA-CASE-MFS-13994-2] c06 N72-25148	developing dielectric thick fil	es tor Es used in
Stable polyimide synthesis from mixtures of	mlcrocircuit capacitors	and TI
monomeric diamines and polycarboxylic acid	[NASA-CASE-LAR-10294-1]	c26 N72-28762

Development of equipment and method f	OI O	Digital COMMAND SYSTEMS Digitally controlled frequency synth	hesizer for
electrifying dielectric to determin electrostatic properties	e	pulse frequency modulation teleme	try systems
[NASA-CASE-MFS-22129-1] C	09 N73-26197	[NASA-CASE-XGS-02317] System for maintaining motor at pre-	c09 N71-23525 determined
Low loss dichroic plate	07 N74-11000	speed using digital pulses	40002
NTRS		[NASA-CASE-XMF-06892]	c09 N71-24805
Punch and die device for forming conv	olution	Digital filter for reducing jitter : control systems	in digital
series in thin gage metal hemispher [NASA-CASE-INP-05297]	es 15 x71-23811	[NASA-CASE-NPO-11088]	c08 N71-29034
Development and characteristics of		DIGITAL COMPUTERS	ver from
frusto-conical die mib for extrusio	n of	Device for removing plastic dust condigital computer disk packs for i	nspection and
refractory metals [NASA-CASE-XLE-06773]	15 N71-23817	cleaning	
DIFFERENTIAL AMPLIFIERS	ifformantial	<pre>[NASA-CASE-LAB-10590-1] Binary number sorter for arranging:</pre>	c15 N70-26819 numbers in
Temperature compensated solid state d amplifier with application in	TILGLENCIAL	order of magnitude	
bioinstrumentation circuits		[NASA-CASE-NPO-10112]	C08 N71-12502
[NASA-CASE-NAC-00435] C Stepping motor control apparatus exci	09 N70-35440	Binary sequence detector with few m elements and minimized logic circ	uit complexity
windings in proper time sequence to	cause	[NASA-CASE-XNP-05415]	c08 N71-12505
motor to rotate in either direction		Digital computer system for automat checkout of spacecraft	ic brerannem
[NASA-CASE-GSC-10366-1] DIFFERENTIAL INTERFEROMETRY	:10 N71-18772	[NASA-CASE-XKS-08G12-2]	c31 ¥71-15566
Device for determining acceleration of	of gravity	Description of error correcting met	hods for use
by interferometric measurement of t	ravel of	with digital data computers and a encoding and decoding digital dat	a
falling body [NASA-CASE-XMF-05844]	:14 X71-17587	[NASA-CASE-XNP-02748]	c08 N71-22749
DIFFRENTIAL PRESSURE	blasica.	Serial digital decoder design with circuit matrix and serial memory	square storage units
Relief valve to permit slow and fast rates at difference pressure levels	presarnā	[NASA-CASE-NPO-10150]	COB N71-24650
[NASA-CASE-XMS-05894-1] (15 N69-21924	Digital magnetic core memory with s	ensing
Apparatus for ejecting covers of inst packages using differential pressur	rument re principle	amplifier circuits [NASA-CASE-XNP-01012]	c08 N71-28925
[NASA-CASE-XMF-04132]	15 N69-27502	Redundant memory for enhanced relia	bility of
DIFPRACTION		<pre>digital data processing system [NASA-CASE-GSC-10564]</pre>	c10 N71-29135
Highly stable optical mirror assembly image quality of light diffraction	y optimizing patterns	Digital converter for scaling binar	y number to
[NASA-CASE-ERC-10001]	23 N71-24868	binary coded decimal number of hi	igher multiple c08 N73-12176
DIFFRACTION PATTERNS Digital sensor for counting fringes	oroduced by	[NASA-CASE-KSC-10595] Fault-tolerant clock apparatus for	
interferometers with improved sens:	itivity and	digital logic systems which maint	ains output
one Photomultiplier tube to elimina	ate	<pre>pulses during component failure [NASA-CASE-MSC-12531-1]</pre>	c14 N73-22386
alignment problem [NASA-CASE-LAR-10204]	c14 N71-27215	DIGITAL DATA	
DIFFRACTORETERS	h1. af	Phase shift data transmission system pseudo-noise synchronization code	em with modulated
Dual purpose optical instrument capal simultaneously acting as spectrone	pre or ter and	with digital data into single cha	nnel for
diffractometer		spacecraft communication	c08 N70-41961
	c14 N73-28491	[NASA-CASE-XNP-00911] Tape guidance system for multichans	
DIFFUSERS Transmitting and reflecting diffuser		recording system	
_F	c23 N73-32538	[MASA-CASE-XNP-09453] Digital telemetry system apparatus	c08 N71-19420
DIFFUSION Selective gold diffusion on monolith	ic silicon	tape recorder wow and flutter not	ise during
chips for switching and nonswitchi	ng amplifier	playback	c07 N71-23001
devices and circuits and linear and logic circuits	a aigitai	[MASA-CASE-MGS-01812] Digital data handling circuits for	
[NASA-CASE-ERC-10072]	c09 N70-11148	amplifiers	c10 N71-28739
Metallic film diffusion for boundary	lubrication	[N \bar{a} SA-CASE-NNP-01068] Bit synchronization system using \bar{a} :	
in aerospace engineering [NASA-CASE-XLE-10337]	c15 N71-24046	transition tracking phased locked	d loop
Transmitting and reflecting diffuser	for	[NASA-CASE-NPO-10844] Control and information system for	c07 N72-20140
ultraviolet light [NASA-CASE-LAR-10385-2]	c23 N74-13436	telemetry data using analog conv	erter to
DIFFUSION PUMPS		digitize sensed parameter values	c08 N72-31226
Oil trap for preventing diffusion pu backstreaming into evacuated syste		[NASA-CASE-NPO-11016] Development and characteristics for	r
[NASA-CASE-GSC-10518-1]	c15 N72-22489	automatically displaying digits :	in any desired
Computer controlled infusion pump fo varying input of calcium into phys		order using optical techniques [NASA-CASE-XKS-00348]	c09 N73-14215
systems	101091081	DIGITAL FILTERS	
	c05 N73-14092	Design and development of signal detracking apparatus	etection and
DIFFUSION WELDING Diffusion bonded graphite reinforced	aluminum	rnasa-case-xgs-035027	c10 N71-20852
composites		Digital filter for reducing jitter	in digital
[NASA-CASE-MPS-21077] Method for diffusion welding dissimi	c18 N71-34502 lar metals	control systems [NASA-CASE-NPO-11088]	c08 N71-29034
in vacuum chamber		Nonrecursive counting digital filt	er containing
	c15 N72-22487	shift register [NASA-CASE-NPO-11821-1]	c08 N73-26175
Reinforced FEP Teflon composite mate diffusion bonded to metal substrat		DIGITAL SPACECRAFT TELEVISION	
[NASA-CASE-MFS-20482]	c15 N72-22492	TV camera output signal control sy digital spacecraft communication	stem for
Two-step diffusion welding process o unrecrystallized alloys	Œ	[NASA-CASE-XNP-01472]	c14 N70-41807
[NASA-CASE-LEW-11388-1]	c15 #73-32358	DIGITAL SYSTEMS	sor for
Bethod of fluxless brazing and diffu of aluminum containing components	ision bonding	Light sensitive digital aspect sen attitude control of earth satell	ites or space
	c15 N74-20071	probes	

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[NASA-CASE-XGS-00359] c14 N70-34158	DIGITAL TO ANALOG CONVERTERS
Circuit diagram and operation of full binary adder	Development and characteristics of rate
[NASA-CASE-XGS-00689] c08 N70-34787	augmented digital to analog converter for
Digital telemetry system apparatus to reduce	computed time-dependent data
tape recorder wow and flutter noise during	[NASA-CASE-XLA-07828] GD8 N71-27057
Playback	Digital to analog converter with parallel
[NASA-CASE-XGS-01812] c07 N71-23001	input/output memory device
Reliable magnetic core circuit apparatus with	[NASA-CASE-KSC-10397] c08 N72-25206
application in selection matrices for digital	Digital to analog converter for sampled signal
Memories	reconstruction
[NASA-CASE-XNP-01318] c10 N71-23033	[NASA-CASE-MSC-12458-1] c08 N73-32081
Noninterruptable digital counter circuit design	DIGITAL TRANSDUCERS
with display device for pulse frequency	Digital to analog converter for sampled signal
modulation [NASA-CASE-XNP-09759] c08 N71-24891	reconstruction
[NASA-CASE-XNP-09759] c08 N71-24891 Digital memory system with multiple switch cores	[NASA-CASE-MSC-12458-1] c08 N73-32081
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[NASA-CASE-XNP-01466] c10 N71-26434	Chemical and physical properties of synthetic
Digital quasi-exponential function generator	polyurethane polymer prepared by reacting
[NASA-CASE-NPO-11130] c08 N72-20176	hydroxy carbonate with organic diisocyanate [NASA-CASB-MPS-10512] c06 N73-30099
Digital function generator for generating any	[NASA-CASE-MFS-10512] c06 N73-30099 Preparation of stable polyurethane polymer by
arbitrary single valued function	reacting polymer with dissogramate
[NASA-CASE-NPO-11104] c08 N72-22165	[NASA-CASE-MFS-10506] c06 N73-30100
Digital video system for displaying image and	Preparation of polyurethane polymer by reacting
alphanumeric data on cathode ray tube	hydroxy polyformal with organic diisocyanate
[NASA-CASE-NPO-11342] c09 N72-25248	[NASA-CASE-MFS-10509] c06 N73-30103
Data compression using decreasing slope	DIODES
threshold test and digital techniques	Single electrical circuit component combining
[NASA-CASE-NPO-11630] c08 N72-33172	diode, fuse, and blosm indicator with
Characteristics of digital data processor using	elongated tube of heat resistant transparent
pulse from clock source to derive binary	material
singles to show state of various indicators in	[NASA-CASE-XKS-03381] c09 N71-22796
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[NASA-CASE-GSC-10975-1] CO8 N73-13187 Low phase noise frequency divider for use with	with open connection using shunting diode
deep space network communication system	[NASA-CASE-XLE-04535] c03 N71-23354
[NASA-CASE-NPO-11569] c10 N73-26229	Gunn effect microwave diodes with RF shielding
Synchronized digital communication system	[NASA-CASE-ERC-10119] c26 N72-21701
[NASA-CASE-XNP-03623] CO9 N73-28084	Transistorized switching logic circuits with tunnel diodes
Anti-multipath digital signal detector	**
[NASA-CASE-LAR-11379-1] c07 N74-11005	[NASA-CASE-GSC-10878-1] c10 N72-22236 Development of method and apparatus for
Digital second-order phase-locked loop	detecting surface ions on silicon diodes and
[NASA-CASE-NPO-11905-1] COS N74-12887	transistors
Digital transmitter for data bus communications	[NASA-CASE-BRC~10325] c15 N72-25457
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[NASA-CASE-MSC-14558-1] c07 N74-17888	source with components and circuitry for
Digital controller for a Baum folding machine	maintaining luminous intensity independent of
providing automatic counting and machine	temperature variations
shutoff [NASA-CASE-LAR-10688-1] c15 N74-21056	[NASA-CASE-ARC-10467-1] c09 N73-14214
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Describing frequency discriminator using digital	[NASA-CASE-NPO-13081-1] c07 N73-23106
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[NASA-CASE-MFS-14322] c08 N71-18692	[NASA-CASE-ERC~10224-2] c09 N73-27150 Diode-quad bridge circuit means
Constructing Exclusive-Or digital logic circuit	[NASA-CASE-ARC-10364-2(B)] c09 N74-14941
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Horizon sensor design with digital sampling of	polarized pair of elements
spaced radiation-compensated thermopile	[NASA-CASE-ERC-10214] c09 N72-31235
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[NASA-CASE-XNP-06957] c14 N71-21088	Regulated dc to dc converter
Digital cardiotachometer incorporating circuit	[NASA-CASE-XGS-03429] c03 N69-21330
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predetermined portion of one minute also converting rate to beats per minute	current motor
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in receiver of PSK/PCM communication system	temperature region to chop current from dc
[NASA-CASE-NPO-10851] C07 N71-24613	source [NASA-CASE-NPO-10404] c03 N71-12255
Digital sensor for counting fringes produced by	Transistorized dc-coupled multivibrator with
interferometers with improved sensitivity and	noninverted output signal
one photomultiplier tube to eliminate	[]]]]]]]]]]]]]]]]]]]
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[NASA-CASE-LAR-10204] c14 N71-27215	windings in proper time sequence to cause
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Apparatus and digital technique for coding rate data	linear discharge channels
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signal phase-locked to input signal	Voltage of lower amplitude [NASA-CASE-XBF-14301] c09 N71-23188
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	loss of aerodynamic control
Converting output of positive dc voltage source	[NASA-CASE-XLA-01804] CO2 N70-34160
to negative do voltage across load with common	DISCONNECT DRVICES
reference point	Patent data on gas actuated bolt disconnect
[NASA-CASE-INF-08217] CO3 N71-23239	assembly
Blood pressure measuring system for separately recording dc and ac pressure signals of	rnasa=case=yla=003261 c03 N70=34667
Rorotkoff sounds	Remotely actuated quick disconnect mechanism for
[NASA-CASE-XMS-06061] C05 N71-23317	umbilical cables
polic frequency coarial filter to provide ac	[NASA-CASE-XLA-00711] c03 N71-12258
isolation and low frequency signal rejection	Remotely actuated quick disconnect for tubular
in audio range	umbilical conduits used to transfer fluids
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Inverters for changing direct current to	Electrical circuit selection device for
alternating current (NASA-CASE-YGS-06226) C10 N71-25950	simulating stage separation of flight vehicle
	[NASA-CASE-NKS-04631] c10 N71-23663
Circuits for controlling reversible dc motor (NASA-CASE-INP-07477) c09 N71-26092	quick disconnect duct coupling device for
[NASA-CASE-INP-07477] C09 N71-26092 Feedback control for direct current motor to	single-handed operation
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[NASA-CASE-NFS-14610] C09 N71-28886	Breakaway multiwire electrical cable connector
High ac switch for causing abrupt, Cyclic,	with particular application for umbilical type
decreases of current to operate under zero or	cables [Nasa=case=NPO-11140]
varying gravity conditions	[NASA-CASE-NPO-11140] c15 N72-17455 Torsional disconnect device for releasably
INASA-CASE-LEW-10155-11 C09 N71-29035	coupling distal ends of fluid conduits
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[NASA-CASE-XER-11046-2] c09 N72-21251	stage separation
Power converters for supplying direct current at	[NASA-CASE-NSC-11849-1] c15 N72-22488
one voltage from source at another voltage	Gas operated quick disconnect coupling for
[NASA-CASE-XER-11046] C09 N72-22203 Do to ac to do converter with transistor driven	umbilical connectors
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rwasa-case-case-11126-11 c09 N72-25253	Squib actuated disconnect for spacecraft
Isolated dc amplifier for bioelectric measurements	coupling to launch vehicle
CNASA-CASE-ARC=10596-17 C09 N/2-2/233	[NASA-CASE-NPO-13172-1] c33 N73-17917
nirect current motor including stationary field	DISCONTINUITY
windings and stationary armature winding	Servocontrol system for measuring local stresses
[NASA=CASE=XGS=07805] C15 N72=33476	at geometric discontinuity in stressed material
Powerplexer for distribution of dc power levels	[24 22 22 22 22 2
to loads which require different voltages	DISCRIMINATORS Detector assembly for discriminating first
[NASA-CASE-MSC-12396-1] c03 N73-31988	signal with respect to presence or absence of
DIRECT POWER GENERATORS	second signal at time of occurrence of first
Direct conversion of thermal energy into electrical energy using crossed electric and	signal
	[NASA-CASE-XMF-00701] C09 N70-40272
magnetic fields [NASA-CASE-XLE-00212] c03 N70-34134	Difference indicating circuit used in
Thermal pump-compressor for converting solar	conjunction with device measuring
energy	gravitational fields
[NASA-CASE-XLA-00377]	[NASA-CASE-KNP-08274] c10 N71-13537
Converting output of positive dc voltage source	Describing frequency discriminator using digital
to negative dc voltage across load with common	logic circuits and supplying single binary
reference point	output signal [NaSA-CASE-MFS-14322]
[NASA-CASE-XMF-08217] c03 N71-23239	[NASA-CASE-MFS-14322] c08 N71-18692 Circuit design for determining amount of
Unsaturating magnetic core transformer design	photomultiplier tube light detection utilizing
with warning signal for electrical power	variable current source and dark current
processing equipment	signals of opposite polarity
[NASA-CASÉ-ERC-10125] c09 N71-24893	[NASA-CASE-XMS-03478] c14 N71-21040
Power converters for supplying direct current from one voltage for another voltage for use	Characteristics of comparator circuits for
[NASA-CASE-XER-11046-2] c09 N72-21251	comparison of binary numbers in information
Direct thermal energy conversion using thermal	processing system
absorption principle	[NASA-CASÉ-XNP-04819] C08 N71-23295
[NASA-CASE-ARC-10461-1] c33 N73-20931	DISPENSERS
DIRECTIONAL ANTENNAS	Liquid aerosol dispenser with explosively driven
Mechanical coordinate converter for use with	piston to compress light gas to extremely high
spacecraft tracking antennas	pressure [NASA-CASE-MFS-20829] c12 N72-21310
[NASA-CASE-XNP-00614] c14 N70-36907	["
Weatherproof helix antenna	Potable water dispenser FNASA-CASE-MES-21115-11 C05 N74-12779
[NASA-CASE-XKS-08485] c07 N71-19493	[11000 4000 2000 2000 1
Tracking antenna system with array for	Lyophilized spore dispenser [NASA-CASE-LAR-10544-1] c15 N74-13178
synchronous satellite or ground based radar	Metering gun for dispensing precisely measured
[NASA-CASE-GSC-10553-1] c07 N71-19854 Drive system for parabolic tracking antenna with	charges of fluid
prive system for paramotro tracking distant with	[NASA-CASE-MFS-21163-1] c05 N74-17853
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DIRECTIONAL CONTROL	Apparatus for mechanically dispersing ultrafine
Gimbaled partially submerged nozzle for solid	metal powders subjected to shock waves
propellant rocket engines for providing	[NASA-CASE-XLE-04946] c17 N71-24911
directional control	DISPRESTONS
[NASA-CASE-XMF-01544] c28 N70-34162	neterment with alveeryl esthers and oil as
Omnidirectional wheel	protective coating to prevent fogging of space
[NASA-CASE-MFS-21309-1] c15 N74-18125	suit visor
DIRECTIONAL STABILITY	[NASA-CASE-MSC-13530-2] c06 N73-11107
Nose gear steering system for vehicles with main	Method for producing alkali metal dispersions of
skids to provide directional stability after	high purity

[NASA-CASE-XNP-08876] c17 N73-28573	Recorder/processor apparatus for optical data processing
Bimetallic fluid displacement apparatus for stirring and heating stored gases and liquids	[NASA-CASE-GSC-11553-1] c07 N74-15831
[NASA-CASE-ARC-10441-1] c15 N74-15126 DISPLACEMENT HEASUREMENT	Rotating raster generator [NASA-CASE-PRC-10071-1] c07 N74-20813 DISSIPATION
Null-type vacuum microbalance for measuring minute mechanical displacements	Dissipative voltage regulator system for
[NASA-CASE-XAC-00472] c15 N70-40180	minimizing heat dissipation [NASA-CASE-GSC-10891-1] c10 N71-26626
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Gas bearing for model support with capacity for measuring angular displacement of model in	Binary coded sequential acquisition ranging
bearing	system for distance measurements [NASA-CASE-NPO-11194] c08 N72-25209
[NASA-CASE-XLA-09346] c15 N71-28740 Bethod and apparatus for remote measurement of	Apparatus for determining distance to lighting strokes from single station by magnetic and
displacement of marks on specimen undergoing tensile test	electric field sensing antennas
[NASA-CASE-NPO-10778] c14 N72-11364	[NASA-CASE-KSC-10698] c07 N73-20175 DISTILLATION EQUIPMENT
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Data processing and display system for terminal	[NASA-CASE-XMS-04533] c15 N71-23086 Purification apparatus for vaporization and
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Cathode ray tube system for displaying ones and	extraterrestrial soil and iron oxide materials [NASA-CASE-MSC-12332-1] c15 N72-15476
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Optical projector system for establishing optimum arrangement of instrument displays in	[NASA-CASE-XNP-08124-2] c06 N73-13129
aircraft, spacecraft, other vehicles, and	DISTRIBUTED AMPLIPTERS Broadband distribution amplifier with
industrial instrument consoles [NASA-CASE-INF-03653]	complementary pair transistor output stages [NASA-CASE-NPO-10003] c10 N71-26415
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[NASA-CASE-XKS-00348] c09 N73-14215	particles based on Doppler shift [NASA-CASE-HQN-10740-1] c24 N72-28719
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[NASA-CASE-XNP-07478] c14 %69-219 Auger-type soil penetrometer for burrowing into soil formations [NASA-CASE-XNP-05530] c14 N73-323 DRIVES Inverter drive circuit for semiconductor switch [NASA-CASE-LEW-10233] c10 N71-27: DROPS (LIQUIDS) Development of droplet monitoring probe for use in analysis of droplet propagation in mixed-phase fluid stream	Response analyzing apparatus for liquid wapor interface sensor of sloshing rocket propellant [NASA-CASE-MFS-11204] c14 N71-29134 DYNAMIC STRUCTURAL ANALYSIS Development of system for measuring damping characteristics of structure or system subjected to random forces or influnces [NASA-CASE-ARC-10154-1] c14 N72-22440 DYNAMIC TRSTS Hydraulic support equipment for full scale
[NASA-CASE-XNP-07478] c14 N69-219 Auger-type soil penetrometer for burrowing into soil formations [NASA-CASE-XNP-05530] c14 N73-323 DRIVES Inverter drive circuit for semiconductor switch [NASA-CASE-LEW-10233] c10 N71-27 DROPS (LIQUIDS) Development of droplet monitoring probe for use in analysis of droplet propagation in mixed-phase fluid stream [NASA-CASE-NPO-10985] c14 N73-204 DRUGS	Response analyzing apparatus for liquid vapor interface sensor of sloshing rocket propellant [NASA-CASE-MFS-11204] c14 N71-29134 DYNAMIC STRUCTURAL ANALYSIS Development of system for measuring damping characteristics of structure or system subjected to random forces or influnces [NASA-CASE-ARC-10154-1] c14 N72-22440 DYNAMIC TRSTS Hydraulic support equipment for full scale dynamic testing of large rocket vehicle under free flight conditions
[NASA-CASE-XNP-07478] c14 N69-219 Auger-type soil penetrometer for burrowing into soil formations [NASA-CASE-XNP-05530] c14 N73-323 DRIVES Inverter drive circuit for semiconductor switch [NASA-CASE-LEW-10233] c10 N71-27 DROPS (LIQUIDS) Development of droplet monitoring probe for use in analysis of droplet propagation in mixed-phase fluid stream [NASA-CASE-NPO-10985] c14 N73-204 DRUGS Self-scanning chromatographic-fluorographic dri detector with optical readout system	Response analyzing apparatus for liquid vapor interface sensor of sloshing rocket propellant [NASA-CASE-MFS-11204] c14 N71-29134 DYNAMIC STRUCTURAL ANALYSIS Development of system for measuring damping characteristics of structure or system subjected to random forces or influnces [NASA-CASE-ARC-10154-1] c14 N72-22440 DYNAMIC TESTS Hydraulic support equipment for full scale dynamic testing of large rocket vehicle under free flight conditions [NASA-CASE-XHP-01772] c11 N70-41677 Hydraulic support apparatus for dynamic testing
[NASA-CASE-XNP-07478] c14 %69-219 Auger-type soil penetrometer for burrowing into soil formations [NASA-CASE-XNP-05530] c14 N73-323 DRIVES Inverter drive circuit for semiconductor switch [NASA-CASE-LEW-10233] c10 N71-279 DROPS (LIQUIDS) Development of droplet monitoring probe for use in analysis of droplet propagation in mixed-phase fluid stream [NASA-CASE-NPO-10985] c14 N73-204 DRUGS Self-scanning chromatographic-fluorographic dri detector with optical readout system [NASA-CASE-ARC-10633-1] c05 N73-224	Response analyzing apparatus for liquid vapor interface sensor of sloshing rocket propellant [NASA-CASE-MFS-11204] c14 N71-29134 DYNAMIC STRUCTURAL ANALYSIS Development of system for measuring damping characteristics of structure or system subjected to random forces or influnces [NASA-CASE-ARC-10154-1] c14 N72-22440 DYNAMIC TESTS Hydraulic support equipment for full scale dynamic testing of large rocket vehicle under free flight conditions [NASA-CASE-IMP-01772] c11 N70-41677 Hydraulic support apparatus for dynamic testing of space vehicles under near-free flight conditions
[NASA-CASE-XNP-07478] c14 N69-219 Auger-type soil penetrometer for burrowing into soil formations [NASA-CASE-XNP-05530] c14 N73-323 DRIVES Inverter drive circuit for semiconductor switch [NASA-CASE-LEW-10233] c10 N71-27 DROPS (LIQUIDS) Development of droplet monitoring probe for use in analysis of droplet propagation in mixed-phase fluid stream [NASA-CASE-NPO-10985] c14 N73-204 DRUGS Self-scanning chromatographic-fluorographic dri detector with optical readout system [NASA-CASE-ARC-10633-1] c05 N73-224 DRY CRLLS Energy source with tantalum capacitors in	Response analyzing apparatus for liquid vapor interface sensor of sloshing rocket propellant [NASA-CASE-MF-1204] c14 N71-29134 DYNAMIC STRUCTURAL ANALYSIS Development of system for measuring damping characteristics of structure or system subjected to random forces or influnces [NASA-CASE-ARC-10154-1] c14 N72-22440 DYNAMIC TESTS Hydraulic support equipment for full scale dynamic testing of large rocket vehicle under free flight conditions [NASA-CASE-XMF-01772] c11 N70-41677 Hydraulic support apparatus for dynamic testing of space vehicles under near-free flight conditions [NASA-CASE-XMF-03248] c11 N71-10604
[NASA-CASE-XNP-07478] c14 N69-219 Auger-type soil penetrometer for burrowing into soil formations [NASA-CASE-XNP-05530] c14 N73-323 DRIVES Inverter drive circuit for semiconductor switch [NASA-CASE-LEW-10233] c10 N71-27 DROPS (LIQUIDS) Development of droplet monitoring probe for use in analysis of droplet propagation in mixed-phase fluid stream [NASA-CASE-NPO-10985] c14 N73-204 DRUGS Self-scanning chromatographic-fluorographic dri detector with optical readout system [NASA-CASE-ARC-10633-1] c05 N73-224 DRY CRILS Energy source with tantalum capacitors in parallel and miniature silver oxide button cells for initiating pyrotechnic devices on	Response analyzing apparatus for liquid vapor interface sensor of sloshing rocket propellant [NASA-CASE-MFS-11204] c14 N71-29134 DYNAMIC STRUCTURAL ANALYSIS Development of system for measuring damping characteristics of structure or system subjected to random forces or influnces [NASA-CASE-ARC-10154-1] c14 N72-22440 DYNAMIC TESTS Hydraulic support equipment for full scale dynamic testing of large rocket vehicle under free flight conditions [NASA-CASE-IMF-01772] c11 N70-41677 Hydraulic support apparatus for dynamic testing of space vehicles under near-free flight conditions [NASA-CASE-IMF-03248] DYNAMOHETERS Dynamometer measuring microforce thrust produced
[NASA-CASE-XNP-07478] c14 %69-219 Auger-type soil penetrometer for burrowing into soil formations [NASA-CASE-XNP-05530] c14 N73-323 DRIVES Inverter drive circuit for semiconductor switch [NASA-CASE-LEW-10233] c10 N71-279 DROPS (LIQUIDS) Development of droplet monitoring probe for use in analysis of droplet propagation in mixed-phase fluid stream [NASA-CASE-NPO-10985] c14 N73-204 DRUGS Self-scanning chromatographic-fluorographic dri detector with optical readout system [NASA-CASE-ARC-10633-1] c05 N73-224 DRY CELLS Energy source with tantalum capacitors in parallel and miniature silver oxide button	Response analyzing apparatus for liquid vapor interface sensor of sloshing rocket propellant [NASA-CASE-MFS-11204] c14 N71-29134 DYNAMIC STRUCTURAL ANALYSIS Development of system for measuring damping characteristics of structure or system subjected to random forces or influnces [NASA-CASE-ARC-10154-1] c14 N72-22440 DYNAMIC TESTS Hydraulic support equipment for full scale dynamic testing of large rocket vehicle under free flight conditions [NASA-CASE-MF-01772] c11 N70-41677 Hydraulic support apparatus for dynamic testing of space vehicles under near-free flight conditions [NASA-CASE-XMF-03248] c11 N71-10604 DYNAMORETERS Dynamometer measuring microforce thrust produced by ion engine [NASA-CASE-XIE-00702] c14 B70-40203
[NASA-CASE-XNP-07478] c14 %69-219 Auger-type soil penetrometer for burrowing into soil formations [NASA-CASE-XNP-05530] c14 N73-323 DRIVES Inverter drive circuit for semiconductor switch [NASA-CASE-LEW-10233] c10 N71-279 DROPS (LIQUIDS) Development of droplet monitoring probe for use in analysis of droplet propagation in mixed-phase fluid stream [NASA-CASE-NPO-10985] c14 N73-204 DRUGS Self-scanning chromatographic-fluorographic dri detector with optical readout system [NASA-CASE-ARC-10633-1] c05 N73-224 DRY CELLS Energy source with tantalum capacitors in parallel and miniature silver oxide button cells for initiating pyrotechnic devices on spacecraft and rocket vehicles [NASA-CASE-LAR-10367-1] c03 N70-26 DRYIFG	Response analyzing apparatus for liquid vapor interface sensor of sloshing rocket propellant [NASA-CASE-MFS-11204] c14 N71-29134 DYNAMIC STRUCTURAL ANALYSIS Development of system for measuring damping characteristics of structure or system subjected to random forces or influnces [NASA-CASE-ARC-10154-1] c14 N72-22440 DYNAMIC TRSTS Hydraulic support equipment for full scale dynamic testing of large rocket vehicle under free flight conditions [NASA-CASE-XMF-01772] c11 N70-41677 Hydraulic support apparatus for dynamic testing of space vehicles under near-free flight conditions [NASA-CASE-XMF-03248] c11 N71-10604 DYNAMOMETERS Dynamometer measuring microforce thrust produced by ion engine [NASA-CASE-XLE-00702] Development of thrust dynamometer for measuring performance of jet and rocket engines
[NASA-CASE-XNP-07478] c14 N69-219 Auger-type soil penetrometer for burrowing into soil formations [NASA-CASE-XNP-05530] c14 N73-323 DRIVES Inverter drive circuit for semiconductor switch [NASA-CASE-LEW-10233] c10 N71-27 DROPS (LIQUIDS) Development of droplet monitoring probe for use in analysis of droplet propagation in mixed-phase fluid stream [NASA-CASE-NPO-10985] c14 N73-204 DRUGS Self-scanning chromatographic-fluorographic dri detector with optical readout system [NASA-CASE-ARC-10633-1] c05 N73-224 DRY CBLLS Energy source with tantalum capacitors in parallel and miniature silver oxide button cells for initiating pyrotechnic devices on spacecraft and rocket vehicles [NASA-CASE-LAR-10367-1] c03 N70-26 DRYING DRYING Chamber for photographic sheet material [NASA-CASE-GSC-11074-1] c14 N73-28 DRYING APPARATUS	Response analyzing apparatus for liquid vapor interface sensor of sloshing rocket propellant [NASA-CASE-MFS-11204] c14 N71-29134 DYMAMIC STRUCTURAL ANALYSIS Development of system for measuring damping characteristics of structure or system subjected to random forces or influnces [NASA-CASE-ARC-10154-1] c14 N72-22440 DYNAMIC TRSTS Hydraulic support equipment for full scale dynamic testing of large rocket vehicle under free flight conditions [NASA-CASE-MHP-01772] c11 N70-41677 Hydraulic support apparatus for dynamic testing of space vehicles under near-free flight conditions [NASA-CASE-MHP-03248] c11 N71-10604 DYNAMOMETERS Dynamometer measuring microforce thrust produced by ion engine [NASA-CASE-MLE-00702] c14 N70-40203 Development of thrust dynamometer for measuring performance of jet and rocket engines [NASA-CASE-KLE-05260] c14 N71-20429
[NASA-CASE-XNP-07478] c14 N69-219 Auger-type soil penetrometer for burrowing into soil formations [NASA-CASE-XNP-05530] c14 N73-323 DRIVES Inverter drive circuit for semiconductor switch [NASA-CASE-LEW-10233] c10 N71-273 DROPS (LIQUIDS) Development of droplet monitoring probe for use in analysis of droplet propagation in mixed-phase fluid stream [NASA-CASE-NPO-10985] c14 N73-204 DRUGS Self-scanning chromatographic-fluorographic dri detector with optical readout system [NASA-CASE-ARC-10633-1] c05 N73-224 DRY CELLS Energy source with tantalum capacitors in parallel and miniature silver oxide button cells for initiating pyrotechnic devices on spacecraft and rocket vehicles [NASA-CASE-LAR-10367-1] c03 N70-26 DRYING Drying chamber for photographic sheet material [NASA-CASE-GSC-11074-1] c14 N73-28	Response analyzing apparatus for liquid vapor interface sensor of sloshing rocket propellant [NASA-CASE-MFS-11204] c14 N71-29134 DYNAMIC STRUCTURAL ANALYSIS Development of system for measuring damping characteristics of structure or system subjected to random forces or influnces [NASA-CASE-ARC-10154-1] c14 N72-22440 DYNAMIC TESTS Hydraulic support equipment for full scale dynamic testing of large rocket vehicle under free flight conditions [NASA-CASE-XNF-01772] c11 N70-41677 Hydraulic support apparatus for dynamic testing of space vehicles under near-free flight conditions [NASA-CASE-XNF-03248] c11 N71-10604 DYNAMOHETERS Dynamometer measuring microforce thrust produced by ion engine [NASA-CASE-XLE-00702] c14 N70-40203 Development of thrust dynamometer for measuring performance of jet and rocket engines [NASA-CASE-XLE-05260]
[NASA-CASE-XNP-07478] c14 N69-219 Auger-type soil penetrometer for burrowing into soil formations [NASA-CASE-XNP-05530] c14 N73-323 DRIVES Inverter drive circuit for semiconductor switch [NASA-CASE-LEW-10233] c10 N71-27 DROPS (LIQUIDS) Development of droplet monitoring probe for use in analysis of droplet propagation in mixed-phase fluid stream [NASA-CASE-NPO-10985] c14 N73-20 DRUGS Self-scanning chromatographic-fluorographic dri detector with optical readout system [NASA-CASE-NRC-10633-1] c05 N73-22 DRY CELLS Energy source with tantalum capacitors in parallel and miniature silver oxide button cells for initiating pyrotechnic devices on spacecraft and rocket vehicles [NASA-CASE-LAR-10367-1] c03 N70-26 DRYING Drying chamber for photographic sheet material [NASA-CASE-LAR-10367-1] c14 N73-28 DRYING APPARATUS Gas purged dry hox glove reducing permeation o air or moisture into dry box or isolator by diffusion through glove	Response analyzing apparatus for liquid vapor interface sensor of sloshing rocket propellant [NASA-CASE-MFS-11204] c14 N71-29134 DYNAMIC STRUCTURAL ANALYSIS Development of system for measuring damping characteristics of structure or system subjected to random forces or influnces [NASA-CASE-ARC-10154-1] c14 N72-22440 DYNAMIC TESTS Hydraulic support equipment for full scale dynamic testing of large rocket vehicle under free flight conditions [NASA-CASE-XNF-01772] c11 N70-41677 Hydraulic support apparatus for dynamic testing of space vehicles under near-free flight conditions [NASA-CASE-XNF-03248] c11 N71-10604 DYNAMOHETERS Dynamometer measuring microforce thrust produced by ion engine [NASA-CASE-XLE-00702] c14 N70-40203 Development of thrust dynamometer for measuring performance of jet and rocket engines [NASA-CASE-XLE-05260] c14 N71-20429 EAR
[NASA-CASE-XNP-07478] c14 N69-219 Auger-type soil penetrometer for burrowing into soil formations [NASA-CASE-XNP-05530] c14 N73-323 DRIVES Inverter drive circuit for semiconductor switch [NASA-CASE-LEW-10233] c10 N71-279 DROPS (LIQUIDS) Development of droplet monitoring probe for use in analysis of droplet propagation in mixed-phase fluid stream [NASA-CASE-NPO-10985] c14 N73-204 DRUGS Self-scanning chromatographic-fluorographic dry detector with optical readout system [NASA-CASE-ANC-10633-1] c05 N73-224 DRY CELLS Energy source with tantalum capacitors in parallel and miniature silver oxide button cells for initiating pyrotechnic devices on spacecraft and rocket vehicles [NASA-CASE-LAR-10367-1] c03 N70-26 DRYING Drying chamber for photographic sheet material [NASA-CASE-LAR-10367-1] c14 N73-28 DRYING APPARATUS Gas purged dry hox glove reducing permeation o air or moisture into dry box or isolator by diffusion through glove [NASA-CASE-XLE-02531] c05 N71-23 DUCTS	Response analyzing apparatus for liquid vapor interface sensor of sloshing rocket propellant [NASA-CASE-MFS-11204] c14 N71-29134 DYNAMIC STRUCTURAL ANALYSIS Development of system for measuring damping characteristics of structure or system subjected to random forces or influnces [NASA-CASE-ARC-10154-1] c14 N72-22440 DYNAMIC TESTS Hydraulic support equipment for full scale dynamic testing of large rocket vehicle under free flight conditions [NASA-CASE-MF-01772] c11 N70-41677 Hydraulic support apparatus for dynamic testing of space vehicles under near-free flight conditions [NASA-CASE-MF-03248] c11 N71-10604 DYNAMOMETERS Dynamometer measuring microforce thrust produced by ion engine [NASA-CASE-ME-00702] c14 N70-40203 Development of thrust dynamometer for measuring performance of jet and rocket engines [NASA-CASE-XLE-05260] c14 N71-20429 f EAR Bar oximeter for monitoring blood oxygenation and pressure, pulse rate, and pressure pulse curve, using dc and ac amplifiers
[NASA-CASE-XNP-07478] c14 N69-219 Auger-type soil penetrometer for burrowing into soil formations [NASA-CASE-XNP-05530] c14 N73-323 DRIVES Inverter drive circuit for semiconductor switch [NASA-CASE-LEW-10233] c10 N71-27 DROPS (LIQUIDS) Development of droplet monitoring probe for use in analysis of droplet propagation in mixed-phase fluid stream [NASA-CASE-NPO-10985] c14 N73-204 DRUGS Self-scanning chromatographic-fluorographic dri detector with optical readout system [NASA-CASE-ARC-10633-1] c05 N73-224 DRY CRLLS Energy source with tantalum capacitors in parallel and miniature silver oxide button cells for initiating pyrotechnic devices on spacecraft and rocket vehicles [NASA-CASE-LAR-10367-1] c03 N70-26 DRYING Drying chamber for photographic sheet material [NASA-CASE-LAR-10367-1] c14 N73-28 DRYING APPARATUS Gas purged dry hox glove reducing permeation o air or moisture into dry box or isolator by diffusion through glove [NASA-CASE-XLE-02531] c05 N71-23 DUCTS Quick disconnect duct coupling device for single-handed operation	Response analyzing apparatus for liquid vapor interface sensor of sloshing rocket propellant [NASA-CASE-MFS-11204] c14 N71-29134 DYNAMIC STRUCTURAL ANALYSIS Development of system for measuring damping characteristics of structure or system subjected to random forces or influnces [NASA-CASE-ARC-10154-1] c14 N72-22440 DYNAMIC TESTS Hydraulic support equipment for full scale dynamic testing of large rocket vehicle under free flight conditions [NASA-CASE-MHP-01772] c11 N70-41677 Hydraulic support apparatus for dynamic testing of space vehicles under near-free flight conditions [NASA-CASE-MHP-03248] c11 N71-10604 DYNAMOMETERS Dynamometer measuring microforce thrust produced by ion engine [NASA-CASE-XLE-00702] c14 B70-40203 Development of thrust dynamometer for measuring performance of jet and rocket engines [NASA-CASE-XLE-05260] c14 N71-20429 f EAR Bar oxineter for monitoring blood oxygenation and pressure, pulse rate, and pressure pulse curve, using dc and ac amplifiers [NASA-CASE-XLE-05422] c04 N71-23185
[NASA-CASE-XNP-07478] c14 N69-219 Auger-type soil penetrometer for burrowing into soil formations [NASA-CASE-XNP-05530] c14 N73-323 DRIVES Inverter drive circuit for semiconductor switch [NASA-CASE-LEW-10233] c10 N71-273 DROPS (LIQUIDS) Development of droplet monitoring probe for use in analysis of droplet propagation in mixed-phase fluid stream [NASA-CASE-NPO-10985] c14 N73-204 DRUGS Self-scanning chromatographic-fluorographic dri detector with optical readout system [NASA-CASE-ARC-10633-1] c05 N73-224 DRY CELLS Energy source with tantalum capacitors in parallel and miniature silver oxide button cells for initiating pyrotechnic devices on spacecraft and rocket vehicles [NASA-CASE-LAR-10367-1] c03 N70-26 DRYING Drying chamber for photographic sheet material [NASA-CASE-GSC-11074-1] c14 N73-28 DRYING APPARATUS Gas purged dry box glove reducing permeation o air or moisture into dry box or isolator by diffusion through glove [NASA-CASE-XLE-02531] c05 N71-23 DUCTS Quick disconnect duct coupling device for single-handed operation [NASA-CASE-MFS-20395] c15 N71-24 DUST COLLECTORS	Response analyzing apparatus for liquid vapor interface sensor of sloshing rocket propellant [NASA-CASE-MFS-11204] c14 N71-29134 DYNAMIC STRUCTURAL ANALYSIS Development of system for measuring damping characteristics of structure or system subjected to random forces or influnces [NASA-CASE-ARC-10154-1] c14 N72-22440 DYNAMIC TESTS Hydraulic support equipment for full scale dynamic testing of large rocket vehicle under free flight conditions [NASA-CASE-MRP-01772] c11 N70-41677 Hydraulic support apparatus for dynamic testing of space vehicles under near-free flight conditions [NASA-CASE-MMF-03248] c11 N71-10604 DYNAMORETERS Dynamometer measuring microforce thrust produced by ion engine [NASA-CASE-MLE-00702] c14 N70-40203 Development of thrust dynamometer for measuring performance of jet and rocket engines [NASA-CASE-MLE-05260] c14 N71-20429 f EAR Bar oximeter for monitoring blood oxygenation and pressure, pulse rate, and pressure pulse curve, using dc and ac amplifiers [NASA-CASE-MAC-05422] c04 N71-23185 EARTH ATHOSPHERE
[NASA-CASE-XNP-07478] c14 N69-219 Auger-type soil penetrometer for burrowing into soil formations [NASA-CASE-XNP-05530] c14 N73-323 DRIVES Inverter drive circuit for semiconductor switch [NASA-CASE-LEW-10233] c10 N71-27 DROPS (LIQUIDS) Development of droplet monitoring probe for use in analysis of droplet propagation in mixed-phase fluid stream [NASA-CASE-NPO-10985] c14 N73-204 DRUGS Self-scanning chromatographic-fluorographic dri detector with optical readout system [NASA-CASE-NRC-10633-1] c05 N73-224 DRY CELLS Energy source with tantalum capacitors in parallel and miniature silver oxide button cells for initiating pyrotechnic devices on spacecraft and rocket vehicles [NASA-CASE-LAR-10367-1] c03 N70-26 DRYING DRYING DRYING APPARATUS Gas purged dry hox glove reducing permeation o air or moisture into dry box or isolator by diffusion through glove [NASA-CASE-XLE-02531] c05 N71-23 DUCTS Quick disconnect duct coupling device for single-handed operation [NASA-CASE-NFS-20395] c15 N71-24 DUST COLLECTORS Device for removing plastic dust cover from	Response analyzing apparatus for liquid vapor interface sensor of sloshing rocket propellant [NASA-CASE-MFS-11204] c14 M71-29134 DIMABIC STRUCTURAL ANALYSIS Development of system for measuring damping characteristics of structure or system subjected to random forces or influnces [NASA-CASE-ARC-10154-1] c14 M72-22440 DYNABIC TRSTS Hydraulic support equipment for full scale dynamic testing of large rocket vehicle under free flight conditions [NASA-CASE-MF-01772] Hydraulic support apparatus for dynamic testing of space vehicles under near-free flight conditions [NASA-CASE-MF-03248] c11 M71-10604 DYNAMOMETERS Dynamometer measuring microforce thrust produced by ion engine [NASA-CASE-MF-03248] c14 M70-40203 Development of thrust dynamometer for measuring performance of jet and rocket engines [NASA-CASE-XLE-05260] c14 M71-20429 ### Bar oximeter for monitoring blood oxygenation and pressure, pulse rate, and pressure pulse curve, using dc and ac amplifiers [NASA-CASE-XAC-05422] c04 M71-23185 #### BARTH ATMOSPHERE Ablation sensor for measuring surface ablation rate of material on vehicles entering earths atmosphere on entry into planetary atmospheres
[NASA-CASE-XNP-07478] c14 %69-219 Auger-type soil penetrometer for burrowing into soil formations [NASA-CASE-XNP-05530] c14 N73-323 DRIVES Inverter drive circuit for semiconductor switch [NASA-CASE-LEW-10233] c10 N71-27 DROPS (LIQUIDS) Development of droplet monitoring probe for use in analysis of droplet propagation in mixed-phase fluid stream [NASA-CASE-NPO-10985] c14 N73-204 DRUGS Self-scanning chromatographic-fluorographic dri detector with optical readout system [NASA-CASE-ARC-10633-1] c05 N73-224 DRY CELLS Energy source with tantalum capacitors in parallel and miniature silver oxide button cells for initiating pyrotechnic devices on spacecraft and rocket vehicles [NASA-CASE-LAR-10367-1] c03 N70-26 DRYING DRYING Drying chamber for photographic sheet material [NASA-CASE-LAR-10367-1] c14 N73-28 DRYING APPARATUS Gas purged dry box glove reducing permeation o air or moisture into dry box or isolator by diffusion through glove [NASA-CASE-ILE-02531] c05 N71-23 DUCTS Quick disconnect duct coupling device for single-handed operation [NASA-CASE-HFS-20395] c15 N71-24 DUST COLLECTORS Device for removing plastic dust cover from digital computer disk packs for inspection a cleaning	Response analyzing apparatus for liquid vapor interface sensor of sloshing rocket propellant [NASA-CASE-MFS-11204] DYNAMIC STRUCTURAL ANALYSIS Development of system for measuring damping characteristics of structure or system subjected to random forces or influnces [NASA-CASE-ARC-10154-1] c14 N72-22440 DYNAMIC TESTS Hydraulic support equipment for full scale dynamic testing of large rocket vehicle under free flight conditions [NASA-CASE-NRP-01772] c11 N70-41677 Hydraulic support apparatus for dynamic testing of space vehicles under near-free flight conditions [NASA-CASE-XMF-03248] c11 N71-10604 DYNAMORETERS Dynamometer measuring microforce thrust produced by ion engine [NASA-CASE-XLE-00702] c14 N70-40203 Development of thrust dynamometer for measuring performance of jet and rocket engines [NASA-CASE-XLE-05260] c14 N71-20429 f EAR Bar oximeter for monitoring blood oxygenation and pressure, pulse rate, and pressure pulse curve, using dc and ac amplifiers [NASA-CASE-XLE-05260] c04 N71-23185 EARTH ATMOSPHERE Ablation sensor for measuring surface ablation rate of material on vehicles entering earths atmosphere on entry into planetary atmospheres [NASA-CASE-XLA-01791] c14 N71-22991
[NASA-CASE-XNP-07478] c14 N69-219 Auger-type soil penetrometer for burrowing into soil formations [NASA-CASE-XNP-05530] c14 N73-323 DRIVES Inverter drive circuit for semiconductor switch [NASA-CASE-LEW-10233] c10 N71-27 DROPS (LIQUIDS) Development of droplet monitoring probe for use in analysis of droplet propagation in mixed-phase fluid stream [NASA-CASE-NPO-10985] c14 N73-204 DRUGS Self-scanning chromatographic-fluorographic dri detector with optical readout system [NASA-CASE-ARC-10633-1] c05 N73-224 DRY CELLS Energy source with tantalum capacitors in parallel and miniature silver oxide button cells for initiating pyrotechnic devices on spacecraft and rocket vehicles [NASA-CASE-LAR-10367-1] c03 N70-26 DRYING Drying chamber for photographic sheet material [NASA-CASE-LAR-10367-1] c14 N73-28 DRYING APPARATUS Gas purged dry hox glove reducing permeation o air or moisture into dry box or isolator by diffusion through glove [NASA-CASE-XLE-02531] c05 N71-23 DUCTS Quick disconnect duct coupling device for single-handed operation [NASA-CASE-NFS-20395] c15 N71-24 DUST COLLECTORS Device for removing plastic dust cover from digital computer disk packs for inspection a	Response analyzing apparatus for liquid vapor interface sensor of sloshing rocket propellant [NASA-CASE-MFS-11204] c14 N71-29134 DYNAMIC STRUCTURAL ANALYSIS Development of system for measuring damping characteristics of structure or system subjected to random forces or influnces [NASA-CASE-ARC-10154-1] c14 N72-22440 DYNAMIC TESTS Hydraulic support equipment for full scale dynamic testing of large rocket vehicle under free flight conditions [NASA-CASE-ARC-0172] c11 N70-41677 Hydraulic support apparatus for dynamic testing of space vehicles under near-free flight conditions [NASA-CASE-XMF-03248] c11 N71-10604 DYNAMOMETERS Dynamometer measuring microforce thrust produced by ion engine [NASA-CASE-XLE-00702] c14 N70-40203 Development of thrust dynamometer for measuring performance of jet and rocket engines [NASA-CASE-XLE-05260] c14 N71-20429 f EAR Bar oximeter for monitoring blood oxygenation and pressure, pulse rate, and pressure pulse curve, using dc and ac amplifiers [NASA-CASE-XLE-05260] c04 N71-23185 EARTH ATMOSPHERE Ablation sensor for measuring surface ablation rate of material on vehicles entering earths atmosphere on entry into planetary atmospheres [NASA-CASE-XLA-01791] c14 N71-22991

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earth orbit [NASA-CASE-NFS-20710] c11 N72-23215	Preparation of elastomeric diamine silazane
Pesigh and development of space shuttle system	polymers [NASA-CASE-XMF-04133] c06 N71-20717
for delivering payload to earth orbit or celestial orbit	Leak resistant bonded elastomeric seal for
[NASA-CASE-MSC-123917 c30 N73-12884	secondary electrochemical cells [NASA-CASE-XGS-02631] c03 N71-23006
ECOBORIC ABALYSIS	Ultra-flexible biomedical electrodes and wires
Economical satellite aided vehicle avoidance system for preventing midair collisions	[NASA-CASE-ARC-10268-2] c05 N74-11900 Ultra-flexible biomedical electrode and wires
L MASA-CASE-ERC-10419] c21 N72-21631	[NASA-CASE-ARC-10268-3] c05 n74-11901
RECOVERING Efficiency of solar cells damaged by	ELECTRIC ARCS
environmental radiation through thermal	Hagnetically diffused radial electric arc beater [NASA-CASE-XLA-00330] c33 N70-34540
annealing [NASA-CASE-XGS-04047-2] c03 N72-11062	(NASA-CASE-XLA-00330) c33 N70-34540 Controlled arc spot welding method [NASA-CASE-XMF-00392] c15 N70-34814
High efficiency multifrequency feed	[NASA-CASE-XMF-00392] c15 N70-34814 Triggering system for electric arc driven
[NASA-CASE-GSC-113173] c09 N74-20863	impulse wind tunnel
Apparatus for ejecting covers of instrument	[HASA-CASE-XMF-00411] c11 N70-36913 Electric arc device for minimizing electrode
packages using differential pressure principle	ablation and heating gases to supersonic or
JECTION SEATS	hypersonic wind tunnel temperatures [NASA-CASE-XAC-00319] c25 N70-41628
Ejector for separating astronaut from ejection	Electric arc heater with supersonic nozzle and
seat during prelaunch or initial launch phase of flight	fixed arc length for use in high temperature wind tunnels
[NASA-CASE-XMS-04625] c05 N71-20718	[NASA-CASB-XAC-01677] c09 N71-20816
Automatic ejection valve for attitude control	Arc electrode of graphite with tantalum ball tip [NASA-CASE-XLE-04788] c09 N71-22987
and midcourse guidance of space vehicles	High powered arc electrodes producing solar
[NASA-CASE-INP-00676] c15 N70-38996 Ejector for separating astronaut from ejection	simulator radiation [NASA-CASE-LEG-11162-1] c09 H74-12913
seat during prelaunch or initial launch phase	[NASA-CASE-LEW-11162-1] c09 e74-12913 BLECTRIC BATTERIES
of flight [NASA-CASE-XMS-04625]	Spacecraft battery seals
Latching mechanism with pivoting catch and	[MASA-CASE-IGS-03864] c15 M69-24320 Sealed electric storage battery with gas
self-contained spring ejector [NASA-CASE-XLA-03538] c15 N71-24897	manifold interconnecting each cell
LASTIC BODIES	[NASA-CASE-INP-03378] c03 N71-11051 Battery charging System with cell to cell
Belleville spring assembly with elastic guides having low hysteresis	voltage balance
[NASA-CASE-XEP-09452] c15 N69-27504	[NASA-CASE-IGS-05432] c03 N71-19438 Development and characteristics of battery
Development of systems for automatically and	charging circuits with coulometer for control
continually suppressing or attenuating bending motion in elastic bodies	of available current [NASA-CASE-GSC-10487-1] c03 N71-24719
[NASA-CASE-IAC-05632] c32 N71-23971	Heat activated enf cells with aluminum anode
Device for measuring tensile forces applied to tension members	[NASA-CASE-LEG-11359] c03 N71-28579 Development of device for simulating charge and
[NASA-CASE-MFS-21728-1] c14 N73-25467	discharge cycle of battery in synchronous orbit
LASTIC DEFORMATION Heasuring shear-creep compliance of solid and	[NASA-CASE-GSC-11211-1] c03 N72-25020 Development of Hylar enclosure for maintaining
liquid materials used in spacecraft components	temperature of balloon-borne batteries and
[NASA-CASE-XLE-01481] c14 N71-10781 Development of systems for automatically and	electronic modules
continually suppressing or attenuating bending	[NASA-CASE-GSC-11620-1] c14 N72-33379 Development of test probe device for
notion in elastic hodies [MASA-CASE-XAC-05632] c32 N71-23971	simultaneous determination of condition of
LASTIC HEDIA	cells in multi-cell storage battery [NASA-CASE-HPS-20761-1] c03 N73-17037
Hiniature vibration isolator utilizing elastic tubing material	Development of timing device for conserving
[NASA-CASE-XLA-01019] c15 N70-40156	batteries on remote data collection platform by generating synchronous time windows
LASTIC PROPERTIES Rlastic universal joint for rocket motor mounting	{ NASA-CASE-GSC-11182-11 c31 N73-32769
(NASA-CASE-XNP-00416) c15 N70-36947	Storage battery comprising negative plates of a wedge shaped configuration for preventing
Resilient vehicle wheel for lunar surface travel [NASA-CASE-MFS-20400] c31 N71-18611	shape change induced malfunctions
Threadless fastener apparatus comprising	[NASA-CASE-NPO-11806-1] c03 N74-19693 BLECTRIC BRIDGES
receiving apertures for plurality of articles, self-locked condition, and capable of using	Pulsed excitation voltage circuit for strain
nonwalleable materials in both ends	gage bridge transducers [NASA-CASE-FEC-10036] c09 H72-22200
[NASA-CASE-XPR-05302] c15 N71-23254	Bridge-type gain control circuit
Chemical and elastic properties of fluorinated polyurethanes	[#ASA-CASE-GSC-10786-1] c10 B72-28241 Diode-guad bridge circuit means
[NASA-CASE-NPO-10767-1] c06 N73-33076	[NASA-CASE-ARC-10364-2(B)] C09 B74-14941
A meter for use in detecting tension in straps having predetermined elastic characteristics	ELECTRIC CHLLS Expanding and contracting connector strip for
[NASA-CASE-HFS-22189-1] c14 W74-10421	solar cell array of Wimbus satellite
LASTIC SHRETS Hot forming of plastic sheets	[WASA-CASE-NGS-01395] c03 N69-21539 Design and characteristics of heat activated
[NA5A-CASE-XHS-05516] c15 N71-17803	electric cell with anode made from one or more
LASTOHERS Elastomer loaded with metal particles for	alkali metals and cathode made from oxidizing naterial
elastic biomedical electrodes	[NASA-CASE-LEB-11358] c03 #71-2608#
[NASA-CASE-ARC-10268-1] c09 B70-12620 Describing metal valve pintle with encapsulated	Development and characteristics of ion-exchange
elastomeric body	nembrane and electrode assembly for fuel cells or electrolysis cells
[WASA-CASE-ESC-12116-1] c15 N71-17648 Development of apparatus for measuring	[NASA-CASE-XES-02063] c03 N71-29044
successive increments of strain on elastomers	ELECTRIC CHARGE Indicator device for monitoring charge of wet
[WASA-CASE-INF-04680] c15 N71-19489	cell battery, using semiconductor light

	[NASA-CASE-XMS-02182] c10 N71-28783
emitter and photodetector	Breakaway multiwire electrical cable connector
rnaca_cagg_npo=101941	with particular application for umbilical type
Automatically charging battery of electric	cables
storage cells [NASA-CASE-XNP-04758] c03 N71-24605	[NASA-CASE-NPO-11140] c15 N72-17455
TERCEDIC COODERS	Reliability of electrical connectors after heat
Monostable multivibrator for conserving power in	sterilization [NASA-CASE-NFO-10694] CO9 N72-20200
spacecraft systems	herelopment of electric connector and pin
[NASA-CASE-GSC-10082-1]	assembly with radio frequency absorbing sleeve
Broadband chokes and absorbers to reduce	to reduce radio frequency interference
spurious radiation patterns of antenna array	[NASA-CASE-XLA-02609] C09 N72-25256
canced by support structures	Electrical interconnection of unilluminated
[NASA-CASE-XMS-05303] CO/ M69-27462	solar cells in solar battery array [NASA-CASE-GSC-10344-1] c03 N72-27053
PTROTETO CONDUCTORS	Separable flat cable connector with isolated
Hollow spherical electrode for shielding	electrical contacts
dielectric junction between high voltage conductor and insulator	[NASA-CASE-MFS-20757] C09 N72-20225
f waca_caer_vir=03778]	Ultra-flexible biomedical electrodes and wires
consuctor for connecting parallel CellS 1910	[NASA-CASE-ARC-10268-2] C05 N74-11900 Ultra-flexible biomedical electrode and wires
submodules in series to form solar cell matrix	[NASA-CASE-ARC-10268-3] c05 N74-11901
[NASA-CASE-NPO-10821] c03 N71-19545	PIRCURIC CONTACTS
Electrical switching device comprising conductive liquid confined within square loop	Solid state switching circuit design to increase
of deformable nonconductive tubing also used	current capacity of low rated relay contacts
for leveling	[NASA-CASE-XNP-09228] C09 N69-27500
rwasa_case=NPO-100371 c09 M71-19610	Characteristics of hermetically sealed electric switch with flexible operating capability
nry alectrode design with wire sandwiched	[NASA-CASE-XNP-09808] C09 N71-12518
hetween two flexible conductive discs for	Electrode connection for n-on-p silicon solar cell
monitoring physiological responses	rwssa-casr-vir-047871 cus 0/1-20492
[NASA-CASE-FRC-10029] C09 N71-24678 Development of process for forming insulating	nevelopment of slip ring assembly with inner and
layer between two electrical conductor or	outer peripheral surfaces used as electrical
semiconductor materials	contacts for brushes CNASA-CASE-XMF-01049 1 C15 N71-23049
CNASA_CASR-1EW-10489-11 C15 N72-23447	[NASA-CASE-XMF-01049] C15 N/1-23049 Separable flat cable connector with isolated
Controlled distribution of electrophoretic	electrical contacts
samples in flow path through conductive screens	(NASA-CASE-MFS-207571 C09 N72-28225
[NASA-CASE-MFS-21395-1] C14 N72-27425 Coaxial electrical conductor for high gamma flux	Ultra-flexible biomedical electrodes and wires
locations of thermionic converter	[NASA-CASE-ARC-10268-2] COS N74-11900
Enica_Cace_TRU=10950=11 C09 N/2=31233	Ultra-flexible biomedical electrode and wires [WASA-CASE-RAC-10268-3]
Improved injector with porous plug for bupbles	[NASA-CASE-ARC-10268-3] CO5 N74-11901 BLECTRIC CONTROL
of gas into feed lines of electrically	Switching series regulator with gating control
conductive liquid	Differential collection of the
	netvork
[NASA-CASE-NPO-11377] c15 N73-27406	network [NASA-CASE-IMS-09352] c09 N71-23316
[NASA-CASE-NPO-11377] c15 N73-27406	[NASA-CASE-IMS-09352] CO9 N71-23316
[NASA-CASE-NPO-11377] c15 N73-27406 BLBCTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor	NASA-CASE-IMS-09352] C09 N71-23316 RIBCTRIC CURRENT Including did valum bydrate in nickel hydroxide
[NASA-CASE-NPO-11377] c15 N73-27406 BLECTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-VIA-01288] c09 N69-21470	[NASA-CASE-IMS-09352] C09 N71-23316 BLECTRIC CURRENT Including didynium hydrate in nickel hydroxide of positive electrode of storage batteries to
[NASA-CASE-NPO-11377] c15 N73-27406 ELECTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XIA-01288] c09 N69-21470 Pixture for simultaneously supporting several	[NASA-CASE-IMS-09352] C09 N71-23316 BLECTRIC CURRENT Including didymium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity (NASA-CASE-XGS-03505] C03 N71-10608
[NASA-CASE-NPO-11377] c15 N73-27406 BLECTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XLA-01288] c09 N69-21470 Pixture for simultaneously supporting several components for electrical testing	[NASA-CASE-IMS-09352] C09 N71-23316 RIECTRIC CURRENT Including didymium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] Development of in-line fuse device for
[NASA-CASE-NPO-11377] c15 N73-27406 BLBCTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XLA-01288] c09 N69-21470 Pixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] c09 N69-21926	[NASA-CASE-IMS-09352] C09 N71-23316 BLECTRIC CURRENT Including didynium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] C03 N71-10608 Development of in-line fuse device for protection of electric circuits from excessive
[NASA-CASE-NPO-11377] c15 N73-27406 ELECTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XLA-01288] c09 N69-21470 Pixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] c09 N69-21926 Releasable coupling device designed to receive	[NASA-CASE-IMS-09352] C09 N71-23316 BIECTBIC CURRENT Including didymium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] c03 N71-10608 Development of in-line fuse device for protection of electric circuits from excessive currents and voltages
[NASA-CASE-NPO-11377] c15 N73-27406 ELECTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XIA-01288] c09 N69-21470 Fixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] c09 N69-21926 Releasable coupling device designed to receive and retain matching ends of electrical connectors	[NASA-CASE-IMS-09352] C09 N71-23316 RIECTBIC CURRENT Including didymium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] C03 N71-10608 Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-MSC-12135-1] C09 N71-12526
[NASA-CASE-NPO-11377] c15 N73-27406 BLBCTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XLA-01288] c09 N69-21470 Pixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] c09 N69-21926 Releasable coupling device designed to receive and retain matching ends of electrical connectors [NASA-CASE-XMS-07846-1] c09 N69-21927	[NASA-CASE-IMS-09352] C09 N71-23316 BIECTRIC CURRENT Including didynium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] C03 N71-10608 Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-MSC-12135-1] C09 N71-12526 Micromicroampere current measuring circuit, with
[NASA-CASE-NPO-11377] c15 N73-27406 BLBCTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XLA-01288] c09 N69-21470 Pixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] c09 N69-21926 Releasable coupling device designed to receive and retain matching ends of electrical connectors [NASA-CASE-XMS-07846-1] c09 N69-21927 Electrical feedthrough connection for printed	[NASA-CASE-IMS-09352] C09 N71-23316 BIECTBIC CURRENT Including didymium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] C03 N71-10608 Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-MSC-12135-1] C09 N71-12526 Micromicroampere current measuring circuit, with two subminiature thermionic diodes with filament cathodes
[NASA-CASE-NPO-11377] c15 N73-27406 ELECTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XIA-01288] c09 N69-21470 Fixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] c09 N69-21926 Releasable coupling device designed to receive and retain matching ends of electrical connectors [NASA-CASE-XMS-07846-1] c09 N69-21927 Electrical feedthrough connection for printed circuit boards	[NASA-CASE-IMS-09352] C09 N71-23316 RIECTRIC CURRENT Including didynium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] C03 N71-10608 Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-MSC-12135-1] C09 N71-12526 Micromicroampere current measuring circuit, with two subminiature thermionic diodes with filament cathodes [NASA-CASE-XNP-00384] C09 N71-13530
[NASA-CASE-NPO-11377] c15 N73-27406 ELECTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XLA-01288] c09 N69-21470 Pixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] c09 N69-21926 Releasable coupling device designed to receive and retain matching ends of electrical connectors [NASA-CASE-XMS-07846-1] c09 N69-21927 Electrical feedthrough connection for printed circuit boards [NASA-CASE-XMS-01483] c14 N69-27431	[NASA-CASE-IMS-09352] C09 N71-23316 BLECTRIC CURRENT Including didynium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] C03 N71-10608 Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-MSC-12135-1] C09 N71-12526 Micromicroampere current measuring circuit, with two subminiature thermionic diodes with filament cathodes [NASA-CASE-XNP-00384] C09 N71-13530 Connector internal force gage for measuring
[NASA-CASE-NPO-11377] c15 N73-27406 BLBCTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XLA-01288] c09 N69-21470 Pixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] c09 N69-21926 Releasable coupling device designed to receive and retain matching ends of electrical connectors [NASA-CASE-XMS-07846-1] c09 N69-21927 Electrical feedthrough connection for printed circuit boards [NASA-CASE-XNF-01483] c14 N69-27431 Electrical connector pin with wiping action to assure reliable contact	[NASA-CASE-IMS-09352] C09 N71-23316 BLECTRIC CURRENT Including didynium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-MSC-12135-1] Micromicroampere current measuring circuit, with two subminiature thermionic diodes with filament cathodes [NASA-CASE-XNP-00384] Connector internal force gage for measuring strength of electrical connection
[NASA-CASE-NPO-11377] c15 N73-27406 ELECTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XIA-01288] c09 N69-21470 Fixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] c09 N69-21926 Releasable coupling device designed to receive and retain matching ends of electrical connectors [NASA-CASE-XMS-07846-1] c09 N69-21927 Electrical feedthrough connection for printed circuit boards [NASA-CASE-XMS-01483] c14 N69-27431 Electrical connector pin with wiping action to assure reliable contact [NASA-CASE-XMS-01483] c09 N69-39734	[NASA-CASE-IMS-09352] C09 N71-23316 RIECTBIC CURRENT Including didynium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] C03 N71-10608 Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-MSC-12135-1] C09 N71-12526 Micromicroampere current measuring circuit, with two subminiature thermionic diodes with filament cathodes [NASA-CASE-XNP-00384] C09 N71-13530 Connector internal force gage for measuring strength of electrical connection [NASA-CASE-XNP-03948] C14 N71-23087
[NASA-CASE-NPO-11377] c15 N73-27406 ELECTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XLA-01288] c09 N69-21470 Pixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] c09 N69-21926 Releasable coupling device designed to receive and retain matching ends of electrical connectors [NASA-CASE-XMS-07846-1] c09 N69-21927 Electrical feedthrough connection for printed circuit boards [NASA-CASE-XMF-01483] c14 N69-27431 Electrical connector pin with wiping action to assure reliable contact [NASA-CASE-XMF-04238] c09 N69-39734 Rectangular electric conductors for conductor	[NASA-CASE-IMS-09352] C09 N71-23316 RIECTRIC CURRENT Including didynium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] C03 N71-10608 Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-MSC-12135-1] C09 N71-12526 Micromicroampere current measuring circuit, with two subminiature thermionic diodes with filament cathodes [NASA-CASE-XNP-00364] C09 N71-13530 Connector internal force gage for measuring strength of electrical connection [NASA-CASE-INP-03918] Electric circuit for producing high current
[NASA-CASE-NPO-11377] c15 N73-27406 ELECTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XLA-01288] c09 N69-21470 Pixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] c09 N69-21926 Releasable coupling device designed to receive and retain matching ends of electrical connectors [NASA-CASE-XMS-07846-1] c09 N69-21927 Electrical feedthrough connection for printed circuit boards [NASA-CASE-XMF-01483] c14 N69-27431 Electrical connector pin with wiping action to assure reliable contact [NASA-CASE-XMF-04238] c09 N69-39734 Rectangular electric conductors for conductor cables to withstand spacecraft vibration and	[NASA-CASE-IMS-09352] C09 N71-23316 BIECTRIC CURRENT Including didynium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-IMS-03505] C03 N71-10608 Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-IMSC-12135-1] C09 N71-12526 Micromicroampere current measuring circuit, with two subminiature thermionic diodes with filament cathodes [NASA-CASE-IMP-00384] C09 N71-13530 Connector internal force gage for measuring strength of electrical connection [NASA-CASE-INP-03918] Electric circuit for producing high current pulse having fast rise and fall time [NASA-CASE-IMS-049191] C09 N71-23270
[NASA-CASE-NPO-11377] c15 N73-27406 ELECTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XIA-01288] c09 N69-21470 Fixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] c09 N69-21926 Releasable coupling device designed to receive and retain matching ends of electrical connectors [NASA-CASE-XMS-07846-1] c09 N69-21927 Electrical feedthrough connection for printed circuit boards [NASA-CASE-XMF-01483] c14 N69-27431 Electrical connector pin with wiping action to assure reliable contact [NASA-CASE-XMF-04238] c09 N69-39734 Rectangular electric conductors for conductor cables to withstand spacecraft vibration and controlled atmosphere	[NASA-CASE-IMS-09352] C09 N71-23316 BLECTRIC CURRENT Including didynium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] C03 N71-10608 Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-MSC-12135-1] C09 N71-12526 Micromicroampere current measuring circuit, with two subminiature thermionic diodes with filament cathodes [NASA-CASE-XNP-00384] C09 N71-13530 Connector internal force gage for measuring strength of electrical connection [NASA-CASE-INP-03918] C14 N71-23087 Electric circuit for producing high current pulse having fast rise and fall time [NASA-CASE-XNS-04919] C09 N71-23270 Electric circuit for reversing direction of
[NASA-CASE-NPO-11377] c15 N73-27406 ELECTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XIA-01288] c09 N69-21470 Fixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] c09 N69-21926 Releasable coupling device designed to receive and retain matching ends of electrical connectors [NASA-CASE-XMS-07846-1] c09 N69-21927 Electrical feedthrough connection for printed circuit boards [NASA-CASE-XMF-01483] c14 N69-27431 Electrical connector pin with wiping action to assure reliable contact [NASA-CASE-XMF-04238] c09 N69-39734 Rectangular electric conductors for conductor cables to withstand spacecraft vibration and controlled atmosphere	[NASA-CASE-IMS-09352] C09 N71-23316 RIRCTBIC CURRENT Including didynium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] C03 N71-10608 Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-MSC-12135-1] C09 N71-12526 Micromicroampere current measuring circuit, with two subminiature thermionic diodes with filament cathodes [NASA-CASE-XNP-00364] C09 N71-13530 Connector internal force gage for measuring strength of electrical connection [NASA-CASE-INP-03918] C14 N71-23087 Electric circuit for producing high current pulse having fast rise and fall time [NASA-CASE-INS-04919] C09 N71-23270 Electric circuit for reversing direction of current flow
[NASA-CASE-NPO-11377] c15 N73-27406 ELECTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XLA-01288] c09 N69-21470 Pixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] c09 N69-21926 Releasable coupling device designed to receive and retain matching ends of electrical connectors [NASA-CASE-XMS-07846-1] c09 N69-21927 Electrical feedthrough connection for printed circuit boards [NASA-CASE-XMF-01483] c14 N69-27431 Electrical connector pin with wiping action to assure reliable contact [NASA-CASE-XMF-04238] c09 N69-39734 Rectangular electric conductors for conductor cables to withstand spacecraft vibration and controlled atmosphere [NASA-CASE-MFS-14741] Patent data on terminal insert connector for flat electric cables	[NASA-CASE-IMS-09352] C09 N71-23316 BIECTRIC CURRENT Including didynium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-INS-03505] Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-INS-1] C09 N71-12526 Micromicroampere current measuring circuit, with two subminiature thermionic diodes with filament cathodes [NASA-CASE-INP-0384] C09 N71-13530 Connector internal force gage for measuring strength of electrical connection [NASA-CASE-INP-03918] C14 N71-23087 Electric circuit for producing high current pulse having fast rise and fall time [NASA-CASE-INS-04919] Electric circuit for reversing direction of current flow [NASA-CASE-INP-00952] C10 N71-23271
[NASA-CASE-NPO-11377] c15 N73-27406 BLECTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XIA-01288] c09 N69-21470 Fixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] c09 N69-21926 Releasable coupling device designed to receive and retain matching ends of electrical connectors [NASA-CASE-XNS-07846-1] c09 N69-21927 Blectrical feedthrough connection for printed circuit boards [NASA-CASE-XNF-01483] c14 N69-27431 Blectrical connector pin with wiping action to assure reliable contact [NASA-CASE-XNF-04238] c09 N69-39734 Rectangular electric conductors for conductor cables to withstand spacecraft vibration and controlled atmosphere [NASA-CASE-NFS-14741] c09 N70-20737 Patent data on terminal insert connector for flat electric cables	[NASA-CASE-IMS-09352] C09 N71-23316 RIRCTBIC CURRENT Including didymium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] C03 N71-10608 Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-MSC-12135-1] C09 N71-12526 Micromicroampere current measuring circuit, with two subminiature thermionic diodes with filament cathodes [NASA-CASE-XNP-00384] C09 N71-13530 Connector internal force gage for measuring strength of electrical connection [NASA-CASE-XNP-03918] c14 N71-23087 Electric circuit for producing high current pulse having fast rise and fall time [NASA-CASE-XNS-04919] C09 N71-23270 Electric circuit for reversing direction of current flow [NASA-CASE-XNP-00952] c10 N71-23271 Maintaining current flow through solar cells
[NASA-CASE-NPO-11377] c15 N73-27406 BLECTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XIA-01288] c09 N69-21470 Pixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] c09 N69-21926 Releasable coupling device designed to receive and retain matching ends of electrical connectors [NASA-CASE-XMS-07846-1] c09 N69-21927 Blectrical feedthrough connection for printed circuit boards [NASA-CASE-XMF-01483] c14 N69-27431 Blectrical connector pin with wiping action to assure reliable contact [NASA-CASE-XMF-04238] c09 N69-39734 Rectangular electric conductors for conductor cables to withstand spacecraft vibration and controlled atmosphere [NASA-CASE-MFS-14741] c09 N70-20737 Patent data on terminal insert connector for flat electric cables [NASA-CASE-XMF-00324] c09 N70-34596 Electric connector for printed cable to printed	[NASA-CASE-IMS-09352] C09 N71-23316 RIECTRIC CURRENT Including didynium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] C03 N71-10608 Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-MSC-12135-1] C09 N71-12526 Micromicroampere current measuring circuit, with two subminiature thermionic diodes with filament cathodes [NASA-CASE-XNP-00384] C09 N71-13530 Connector internal force gage for measuring strength of electrical connection [NASA-CASE-INP-03918] C14 N71-23087 Electric circuit for producing high current pulse having fast rise and fall time [NASA-CASE-XNS-04919] C09 N71-23270 Electric circuit for reversing direction of current flow [NASA-CASE-XNP-00952] c10 N71-23271 Maintaining current flow through solar cells with open connection using shunting diode [NASA-CASE-INP-04535] C03 N71-23354
[NASA-CASE-NFO-11377] c15 N73-27406 ELECTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XLA-01288] c09 N69-21470 Fixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] c09 N69-21926 Releasable coupling device designed to receive and retain matching ends of electrical connectors [NASA-CASE-XMS-07846-1] c09 N69-21927 Electrical feedthrough connection for printed circuit boards [NASA-CASE-XMS-01483] c14 N69-27431 Electrical connector pin with wiping action to assure reliable contact [NASA-CASE-XMF-04238] c09 N69-39734 Rectangular electric conductors for conductor cables to withstand spacecraft vibration and controlled atmosphere [NASA-CASE-MFS-14741] c09 N70-20737 Patent data on terminal insert connector for flat electric cables [NASA-CASE-XMF-00324] c09 N70-34596 Electric connector for printed cable to printed cable or to printed board	[NASA-CASE-IMS-09352] C09 N71-23316 BIECTRIC CURRENT Including didynium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] C03 N71-10608 Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-MSC-12135-1] C09 N71-12526 Micromicroampere current measuring circuit, with two subminiature thermionic diodes with filament cathodes [NASA-CASE-XNP-00384] C09 N71-13530 Connector internal force gage for measuring strength of electrical connection [NASA-CASE-INP-03918] C14 N71-23087 Electric circuit for producing high current pulse having fast rise and fall time [NASA-CASE-XNS-04919] C09 N71-23270 Electric circuit for reversing direction of current flow [NASA-CASE-XNP-00952] c10 N71-23271 Maintaining current flow through solar cells with open connection using shunting diode [NASA-CASE-ILE-04535] Color television system utilizing single gum
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[NASA-CASE-NFO-11377] c15 N73-27406 ELECTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XIA-01288] c09 N69-21470 Pixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] c09 N69-21926 Releasable coupling device designed to receive and retain matching ends of electrical connectors [NASA-CASE-XMS-07846-1] c09 N69-21927 Electrical feedthrough connection for printed circuit boards [NASA-CASE-XMF-01483] c14 N69-27431 Electrical connector pin with wiping action to assure reliable contact [NASA-CASE-XMF-04238] c09 N69-39734 Rectangular electric conductors for conductor cables to withstand spacecraft vibration and controlled atmosphere [NASA-CASE-MFS-14741] c09 N70-20737 Patent data on terminal insert connector for flat electric cables [NASA-CASE-XMF-00324] c09 N70-34596 Electrical connector for printed cable to printed cable or to printed board [NASA-CASE-XMF-00369] c09 N70-36494 Electrical connector for printed circuits on common board, using bellows principle in rivet [NASA-CASE-INP-050821] c15 N70-41960	[NASA-CASE-IMS-09352] C09 N71-23316 RIECTRIC CURRENT Including didynium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] C03 N71-10608 Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-MSC-12135-1] C09 N71-12526 Micromicroampere current measuring circuit, with two subminiature thermionic diodes with filament cathodes [NASA-CASE-XNP-00384] C09 N71-13530 Connector internal force gage for measuring strength of electrical connection [NASA-CASE-XNP-03918] C14 N71-23087 Electric circuit for producing high current pulse having fast rise and fall time [NASA-CASE-XNS-04919] C09 N71-23270 Electric circuit for reversing direction of current flow [NASA-CASE-XNP-00952] c10 N71-23271 Maintaining current flow through solar cells with open connection using shunting diode [NASA-CASE-XIE-04535] C03 N71-23354 Color television system utilizing single gun current sensitive color cathode ray tube [NASA-CASE-ERC-10098] C09 N71-28618
[NASA-CASE-NFO-11377] c15 N73-27406 ELECTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XIA-01288] c09 N69-21470 Fixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] c09 N69-21926 Releasable coupling device designed to receive and retain matching ends of electrical connectors [NASA-CASE-XMS-07846-1] c09 N69-21927 Electrical feedthrough connection for printed circuit boards [NASA-CASE-XMF-01483] c14 N69-27431 Electrical connector pin with wiping action to assure reliable contact [NASA-CASE-XMF-04238] c09 N69-39734 Rectangular electric conductors for conductor cables to withstand spacecraft vibration and controlled atmosphere [NASA-CASE-MFS-14741] c09 N70-20737 Patent data on terminal insert connector for flat electric cables [NASA-CASE-MFS-0324] c09 N70-34596 Electric connector for printed cable to printed cable or to printed board [NASA-CASE-MF-00369] c09 N70-36494 Electrical connection for printed circuits on common board, using bellows principle in rivet [NASA-CASE-NP-05082] e15 N70-41960 Method of making molded electric connector for	[NASA-CASE-IMS-09352] C09 N71-23316 RIRCTBIC CURRENT Including didynium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] C03 N71-10608 Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-MSC-12135-1] C09 N71-12526 Micromicroampere current measuring circuit, with two subminiature thermionic diodes with filament cathodes [NASA-CASE-XNP-00384] C09 N71-13530 Connector internal force gage for measuring strength of electrical connection [NASA-CASE-INP-03918] c14 N71-23087 Electric circuit for producing high current pulse having fast rise and fall time [NASA-CASE-INP-03918] c09 N71-23270 Electric circuit for reversing direction of current flow [NASA-CASE-XNP-00952] c10 N71-23271 Maintaining current flow through solar cells with open connection using shunting diode [NASA-CASE-ILE-04535] C03 N71-23354 Color television system utilizing single gum current sensitive color cathode ray tube [NASA-CASE-ERC-10098] C09 N71-28618 Current dependent variable inductance for input filter chokes of ac or dc power supplies
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[NASA-CASE-NFO-11377] c15 N73-27406 ELECTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XIA-01288] c09 N69-21470 Fixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] c09 N69-21926 Releasable coupling device designed to receive and retain matching ends of electrical connectors [NASA-CASE-XMS-07846-1] c09 N69-21927 Electrical feedthrough connection for printed circuit boards [NASA-CASE-XMS-01483] c14 N69-27431 Electrical connector pin with wiping action to assure reliable contact [NASA-CASE-XMF-04238] c09 N69-39734 Rectangular electric conductors for conductor cables to withstand spacecraft vibration and controlled atmosphere [NASA-CASE-MFS-14741] c09 N70-20737 Patent data on terminal insert connector for flat electric cables [NASA-CASE-XMF-00324] c09 N70-34596 Electrical connector for printed cable to printed cable or to printed board [NASA-CASE-XMF-00369] c09 N70-36494 Electrical connection for printed circuits on common board, using bellows principle in rivet [NASA-CASE-XMF-00369] c15 N70-41960 Method of making molded electric connector for use with flat conductor cables [NASA-CASE-XMF-03498] c15 N71-15986 Design and development of electric connectors for rigid and semirigid coaxial cables [NASA-CASE-XMP-04722] c09 N71-20851	[NASA-CASE-IMS-09352] C09 N71-23316 RIRCTBIC CURRENT Including didynium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] C03 N71-10608 Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-MSC-12135-1] C09 N71-12526 Micromicroampere current measuring circuit, with two subminiature thermionic diodes with filament cathodes [NASA-CASE-XNP-00384] C09 N71-13530 Connector internal force gage for measuring strength of electrical connection [NASA-CASE-INP-03918] c14 N71-23087 Electric circuit for producing high current pulse having fast rise and fall time [NASA-CASE-INP-03919] C09 N71-23270 Electric circuit for reversing direction of current flow [NASA-CASE-INP-00952] c10 N71-23271 Maintaining current flow through solar cells with open connection using shunting diode [NASA-CASE-INE-04535] C03 N71-23354 Color television system utilizing single gun current sensitive color cathode ray tube [NASA-CASE-ERC-10098] C09 N71-28618 Current dependent variable inductance for input filter chokes of ac or dc power supplies [NASA-CASE-BRC-10139] Amplifying circuit with constant current source for accumulator load and high gain voltage amplification [NASA-CASE-NDP-110237] C09 N72-17154
[NASA-CASE-NFO-11377] c15 N73-27406 ELECTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XIA-01288] c09 N69-21470 Pixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] c09 N69-21926 Releasable coupling device designed to receive and retain matching ends of electrical connectors [NASA-CASE-XMS-07846-1] c09 N69-21927 Electrical feedthrough connection for printed circuit boards [NASA-CASE-XMS-01483] c14 N69-27431 Electrical connector pin with wiping action to assure reliable contact [NASA-CASE-XMF-04238] c09 N69-39734 Rectangular electric conductors for conductor cables to withstand spacecraft vibration and controlled atmosphere [NASA-CASE-MFS-14741] c09 N70-20737 Patent data on terminal insert connector for flat electric cables [NASA-CASE-MFS-0324] c09 N70-34596 Electrical connector for printed cable to printed cable or to printed board [NASA-CASE-XMF-00324] c09 N70-36494 Electrical connection for printed circuits on common board, using bellows principle in rivet [NASA-CASE-XMF-00369] c15 N70-41960 Method of making molded electric connector for use with flat conductor cables [NASA-CASE-XMF-03498] c15 N71-15986 Design and development of electric connectors for rigid and semirigid coaxial cables [NASA-CASE-XMF-03498] c09 N71-20851 Connector internal force gage for measuring	[NASA-CASE-IMS-09352] C09 N71-23316 RIRCTBIC CURRENT Including didynium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] C03 N71-10608 Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-MSC-12135-1] C09 N71-12526 Micromicroampere current measuring circuit, with two subminiature thermionic diodes with filament cathodes [NASA-CASE-XNP-00384] C09 N71-13530 Connector internal force gage for measuring strength of electrical connection [NASA-CASE-XNP-03918] C14 N71-23087 Electric circuit for producing high current pulse having fast rise and fall time [NASA-CASE-XNS-04919] C09 N71-23270 Electric circuit for reversing direction of current flow [NASA-CASE-XNP-00952] c10 N71-23271 Maintaining current flow through solar cells with open connection using shunting diode [NASA-CASE-ILE-04535] C03 N71-23354 Color television system utilizing single gun current sensitive color cathode ray tube [NASA-CASE-ERC-10098] C09 N71-28618 Current dependent variable inductance for input filter chokes of ac or dc power supplies [NASA-CASE-ERC-10139] C09 N72-17154 Amplifying circuit with constant current source for accumulator load and high gain voltage amplification [NASA-CASE-NPO-11023] COUNTED-11023] COUNTED-11023
[NASA-CASE-NFO-11377] c15 N73-27406 ELECTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XIA-01288] c09 N69-21470 Pixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] c09 N69-21926 Releasable coupling device designed to receive and retain matching ends of electrical connectors [NASA-CASE-XMS-07846-1] c09 N69-21927 Electrical feedthrough connection for printed circuit boards [NASA-CASE-XMF-01483] c14 N69-27431 Electrical connector pin with wiping action to assure reliable contact [NASA-CASE-XMF-04238] c09 N69-39734 Rectangular electric conductors for conductor cables to withstand spacecraft vibration and controlled atmosphere [NASA-CASE-MFS-14741] c09 N70-20737 Patent data on terminal insert connector for flat electric cables [NASA-CASE-XMF-00324] c09 N70-34596 Electrical connector for printed cable to printed cable or to printed board [NASA-CASE-XMF-00369] c09 N70-36494 Electrical connection for printed circuits on common board, using bellows principle in rivet [NASA-CASE-XMF-00362] c15 N70-41960 Method of making molded electric connector for use with flat conductor cables [NASA-CASE-XMF-03498] c15 N71-15986 Design and development of electric connectors for rigid and semirigid coaxial cables [NASA-CASE-XMF-03498] c09 N71-20851 Connector internal force gage for measuring strength of electrical connection	[NASA-CASE-IMS-09352] C09 N71-23316 RIRCTBIC CURRENT Including didymium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] C03 N71-10608 Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-MSC-12135-1] C09 N71-12526 Micromicroampere current measuring circuit, with two subminiature thermionic diodes with filament cathodes [NASA-CASE-XNP-00384] C09 N71-13530 Connector internal force gage for measuring strength of electrical connection [NASA-CASE-XNP-03918] C14 N71-23087 Electric circuit for producing high current pulse having fast rise and fall time [MASA-CASE-XNS-04919] C09 N71-23270 Electric circuit for reversing direction of current flow [NASA-CASE-XNP-00952] c10 N71-23271 Maintaining current flow through solar cells with open connection using shunting diode [NASA-CASE-INE-04535] C03 N71-23354 Color television system utilizing single gun current sensitive color cathode ray tube [NASA-CASE-ERC-10098] C09 N71-28618 Current dependent variable inductance for input filter chokes of ac or dc power supplies [NASA-CASE-ERC-10139] Amplifying circuit with constant current source for accumulator load and high gain voltage amplification [NASA-CASE-NPO-11023] C09 N72-17155 Commutator for steering precisely controlled bidirectical controlled bidirecticals currents through numerous loads
[NASA-CASE-NPO-11377] RLECTHIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XLA-01288] Pixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] Releasable coupling device designed to receive and retain matching ends of electrical connectors [NASA-CASE-XMS-07846-1] COOP N69-21927 Blectrical feedthrough connection for printed circuit boards [NASA-CASE-XMF-01483] Electrical connector pin with wiping action to assure reliable contact [NASA-CASE-XMF-04238] Rectangular electric conductors for conductor cables to withstand spacecraft vibration and controlled atmosphere [NASA-CASE-MFS-14741] Patent data on terminal insert connector for flat electric cables [NASA-CASE-MF-00324] Electric connector for printed cable to printed cable or to printed board [NASA-CASE-MF-0369] Electrical connection for printed circuits on common board, using bellows principle in rivet [NASA-CASE-MF-0368] Method of making molded electric connector for use with flat conductor cables [NASA-CASE-MF-03498] Design and development of electric connectors for rigid and semirigid coaxial cables [NASA-CASE-MF-03722] Connector internal force gage for measuring strength of electrical connection [NASA-CASE-MF-03718] C14 N71-23087	[NASA-CASE-IMS-09352] C09 N71-23316 RIRCTBIC CURRENT Including didymium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] C03 N71-10608 Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-XSC-12135-1] C09 N71-12526 Micromicroampere current measuring circuit, with two subminiature thermionic diodes with filament cathodes [NASA-CASE-XNP-00384] C09 N71-13530 Connector internal force gage for measuring strength of electrical connection [NASA-CASE-INP-03918] C14 N71-23087 Electric circuit for producing high current pulse having fast rise and fall time [NASA-CASE-XMS-04919] C09 N71-23270 Electric circuit for reversing direction of current flow [NASA-CASE-XNP-00952] c10 N71-23271 Maintaining current flow through solar cells with open connection using shunting diode [NASA-CASE-XLE-04535] C03 N71-23354 Color television system utilizing single gun current sensitive color cathode ray tube [NASA-CASE-XLE-04535] c03 N71-23618 Current dependent variable inductance for input filter chokes of ac or dc power supplies [NASA-CASE-ERC-10139] c09 N72-17154 Amplifying circuit with constant current source for accumulator load and high gain voltage amplification [NASA-CASE-NPO-11023] c09 N72-17155 Commutator for steering precisely controlled bidirectional currents through numerous loads by use of magnetic core shift registers [NASA-CASE-NPO-017431] c08 N72-21199
[NASA-CASE-NPO-11377] RLECTRIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XHA-01288] Pixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] Releasable coupling device designed to receive and retain matching ends of electrical connectors [NASA-CASE-XMS-07846-1] Electrical feedthrough connection for printed circuit boards [NASA-CASE-XMF-01483] Electrical connector pin with wiping action to assure reliable contact [NASA-CASE-XMF-04238] Rectangular electric conductors for conductor cables to withstand spacecraft vibration and controlled atmosphere [NASA-CASE-MF-04238] Electric connector for printed cable to printed cable or to printed board [NASA-CASE-XMF-0324] Electrical connector for printed circuits on common board, using bellows principle in rivet [NASA-CASE-XMF-03082] Method of making molded electric connector for use with flat conductor cables [NASA-CASE-XMF-0398] Design and development of electric connectors for rigid and semirigid coaxial cables [NASA-CASE-XMF-03498] CONNECTOR OF CONNECTOR O	[NASA-CASE-IMS-09352] C09 N71-23316 RIRCTBIC CURRENT Including didymium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] C03 N71-10608 Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-XSC-12135-1] C09 N71-12526 Micromicroampere current measuring circuit, with two subminiature thermionic diodes with filament cathodes [NASA-CASE-XNP-00384] C09 N71-13530 Connector internal force gage for measuring strength of electrical connection [NASA-CASE-INP-03918] C14 N71-23087 Electric circuit for producing high current pulse having fast rise and fall time [NASA-CASE-XMS-04919] C09 N71-23270 Electric circuit for reversing direction of current flow [NASA-CASE-XNP-00952] c10 N71-23271 Maintaining current flow through solar cells with open connection using shunting diode [NASA-CASE-XLE-04535] C03 N71-23354 Color television system utilizing single gun current sensitive color cathode ray tube [NASA-CASE-XLE-04535] c03 N71-23618 Current dependent variable inductance for input filter chokes of ac or dc power supplies [NASA-CASE-ERC-10139] c09 N72-17154 Amplifying circuit with constant current source for accumulator load and high gain voltage amplification [NASA-CASE-NPO-11023] c09 N72-17155 Commutator for steering precisely controlled bidirectional currents through numerous loads by use of magnetic core shift registers [NASA-CASE-NPO-017431] c08 N72-21199
[NASA-CASE-NPO-11377] RLBCTHIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XIA-01288] Pixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] Releasable coupling device designed to receive and retain matching ends of electrical connectors [NASA-CASE-XNS-07846-1] CO9 N69-21927 Electrical feedthrough connection for printed circuit boards [NASA-CASE-XMF-01483] Electrical connector pin with wiping action to assure reliable contact [NASA-CASE-XMF-04238] Rectangular electric conductors for conductor cables to withstand spacecraft vibration and controlled atmosphere [NASA-CASE-MF-04238] CO9 N70-20737 Patent data on terminal insert connector for flat electric cables [NASA-CASE-MF-0324] Electric connector for printed cable to printed cable or to printed board [NASA-CASE-MF-00369] Electrical connection for printed circuits on common board, using bellows principle in rivet [NASA-CASE-NF-05082] Method of making molded electric connector for use with flat conductor cables [NASA-CASE-XNF-03498] Design and development of electric connectors for rigid and semirigid coaxial cables [NASA-CASE-XNF-03498] Design and development of electric connectors for rigid and semirigid coaxial cables [NASA-CASE-XNF-03498] Connector internal force gage for measuring strength of electrical connection [NASA-CASE-XNF-03918] Naintaining current flow through solar cells with open connection using shunting diode	ELECTRIC CURRET Including didynium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-KGS-03505]
[NASA-CASE-NPO-11377] RIBCTHIC CONNECTORS Distribution of currents to circuits using electrical adaptor [NASA-CASE-XIA-01288] Pixture for simultaneously supporting several components for electrical testing [NASA-CASE-XNP-06032] Releasable coupling device designed to receive and retain matching ends of electrical connectors [NASA-CASE-XMS-07846-1] CO9 N69-21927 Electrical feedthrough connection for printed circuit boards [NASA-CASE-XMF-01483] Blectrical connector pin with wiping action to assure reliable contact [NASA-CASE-XMF-04238] Rectangular electric conductors for conductor cables to withstand spacecraft vibration and controlled atmosphere [NASA-CASE-MFF-04234] Patent data on terminal insert connector for flat electric cables [NASA-CASE-MFF-0324] Electric connector for printed cable to printed cable or to printed board [NASA-CASE-XMF-00324] Electrical connection for printed circuits on common board, using bellows principle in rivet [NASA-CASE-XMF-0582] Bethod of making modded electric connector for use with flat conductor cables [NASA-CASE-XMF-03498] Design and development of electric connectors for rigid and semirigid coaxial cables [NASA-CASE-XMF-03498] Design and development of electric connectors for rigid and semirigid coaxial cables [NASA-CASE-XMF-03498] Connector internal force gage for measuring strength of electrical connection [NASA-CASE-XMP-0318] Haintaining current flow through solar cells with open connection using shunting diode	[NASA-CASE-XMS-09352] c09 N71-23316 RIECTRIC CURRET Including didymium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] c03 N71-10608 Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-MSC-12135-1] c09 N71-12526 Micromicroampere current measuring circuit, with two subminiature thermionic diodes with filament cathodes [NASA-CASE-XNP-00384] c09 N71-13530 Connector internal force gage for measuring strength of electrical connection [NASA-CASE-XNP-03918] c14 N71-23087 Electric circuit for producing high current pulse having fast rise and fall time [NASA-CASE-XNS-04919] c09 N71-23270 Electric circuit for reversing direction of current flow [NASA-CASE-XNP-00952] c10 N71-23271 Maintaining current flow through solar cells with open connection using shunting diode [NASA-CASE-XNE-04535] c03 N71-23354 Color television system utilizing single gun current sensitive color cathode ray tube [NASA-CASE-ERC-10098] c09 N71-28618 Current dependent variable inductance for input filter chokes of ac or dc power supplies [NASA-CASE-ERC-10139] c09 N72-17154 Amplifying circuit with constant current source for accumulator load and high gain voltage amplification [NASA-CASE-NPO-11023] c09 N72-17155 Commutator for steering precisely controlled bidirectional currents through numerous loads by use of magnetic core shift registers [NASA-CASE-NPO-10743] c08 N72-21199 Current protection equipment for saturable core

Development of thermal to electric power	components for electrical testing
conversion system using solid state switches	[NASA-CASE-INP-06032] c09 N69-21926
of electrical currents to load for Seebeck	Electrical testing apparatus for detecting
effect compensation	amplitude and width of transient pulse
[NASA-CASE-NPO-11388] c03 N72-23048	[NASA-CASE-XMP-06519] c09 N71-12519
Load current sensor for series pulse width modulated power supply	Variable water load for dissipating large
[NASA-CASE-GSC-10656-1] c09 N72-25249	amounts of electrical power during high
Electrode with multiple columnar conductors for	voltage power supply tests
limiting field emission current	[NASA-CASE-XNP-05381] C09 N71-20842
[NASA-CASE-ERC-10015-2] c10 N72-27246	BLECTRIC FIELD STRENGTH Low impedance apparatus for measuring
Means of wapor deposition using electric current	electrostatic field intensity near space
and evaporator filament	vehicles
[NASA-CASE-LAR-10541-1] c15 N72-32487	[NASA-CASE-XLE-00820] c14 N71-16014
ELECTRIC DISCHARGES	Space environment simulation system for
Blectric discharge apparatus for	measuring spacecraft electric field strength
electrohydraulic explosive forming	in plasma sheath
[NASA-CASE-XMF-00375] c15 N70-34249	[NASA-CASE-XLE-02038] c09 N71-16086
High voltage pulse generator for testing flash	Device for measuring two orthogonal components
and ignition limits of nonmetallic materials in controlled atmospheres	of force with gallium flotation of measuring
[NASA-CASE-MSC-12178-1] c09 N71-13518	target for use in vacuum environments
Pulse generating circuit for operation at very	[NA6A-CASE-XAC-04865] c14 N71-23790
high duty cycles and repetition rates	Apparatus to determine electric field strength by measuring deflection of electron beam
[NASA-CASE-XNP-00745] c10 N71-28960	impinging on target
Rapidly pulsed, high intensity, incoherent light	[NASA-CASE-IMF-06617] c09 N71-24843
SOURCE	BLECTRIC FIELDS
[NASA-CASE-XLE-2529-3] c09 N74-20859	Electric analog for measuring induced drag on
BLECTRIC ENERGY STORAGE	nonnlanar airfoile
Electric current measuring apparatus design	[NASA-CASE-XLA-00755] C01 N71-13410
including saturable core transformer and	Electric analog for measuring induced drag on
energy storage device to avoid magnetizing	nonplanar airfoils
Current errors from transformer output winding [NASA-CASE-XGS-02439] C14 N71-19431	[NASA-CASE-XLA-05828] c01 N71-13411
[NASA-CASE-XGS-02439] c14 N71-19431 BLECTRIC EQUIPMENT	Instrument for measuring potentials on two
Characteristics of high power, low distortion,	dimensional electric field plot
alternating current power amplifier	[NASA-CASE-XLA-08493] c10 N71-19421
[NASA-CASE-LAR-10218-1] c09 N70-34559	Electron beam deflection devices for measuring electric fields
Design and development of electric generator for	F
space power system	[NASA-CASE-XMF-10289] c14 N71-23699 Electrodes having array of small surfaces for
[NASA-CASE-XLE-04250] CO9 N71-20446	field ionization
Development of electrical system for measuring	[NASA-CASE-ERC-10013] c09 N71-26678
high impedance	Monitor for electric fields of cloud formations
[NASA-CASE-XMS-08589-1] c09 N71-20569	
2,	in particular area
Design, development, and operating principles of	[NASA-CASE-KSC-10731-1] c14 N73-10461
Design, development, and operating principles of power supply with starting circuit which is	[NASA-CASE-KSC-10731-1] c14 N73-10461 Apparatus for determining distance to lighting
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator	[NASA-CASE-KSC-10731-1] c14 N73-10461 Apparatus for determining distance to lighting strokes from single station by magnetic and
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991] C09 N71-21449	[NASA-CASE-KSC-10731-1] c14 N73-10461 Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991] c09 N71-21449 Development of method for improving signal to	[NASA-CASE-KSC-10731-1] c14 N73-10461 Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] c07 N73-20175
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991] c09 N71-21449 Development of method for improving signal to noise ratio and accuracy of Wheatstone bridge	[NASA-CASE-KSC-10731-1] c14 N73-10461 Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] c07 N73-20175 Development and characteristics of apparatus for
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991] c09 N71-21449 Development of method for improving signal to noise ratio and accuracy of Wheatstone bridge type radiation measuring instrument	[NASA-CASE-KSC-10731-1] c14 N73-10461 Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] c07 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991] c09 N71-21449 Development of method for improving signal to noise ratio and accuracy of Wheatstone bridge type radiation measuring instrument [NASA-CASE-XLA-02810] c14 N71-25901	[NASA-CASE-KSC-10731-1] c14 N73-10461 Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] c07 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991] c09 N71-21449 Development of method for improving signal to noise ratio and accuracy of Wheatstone bridge type radiation measuring instrument [NASA-CASE-XLA-02810] c14 N71-25901 Design and development of buck-boost voltage	[NASA-CASE-KSC-10731-1] c14 N73-10461 Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] c07 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] c14 N73-32318
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991] c09 N71-21449 Development of method for improving signal to noise ratio and accuracy of Wheatstone bridge type radiation measuring instrument [NASA-CASE-XLA-02810] c14 N71-25901	[NASA-CASE-KSC-10731-1] c14 N73-10461 Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] c07 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] c14 N73-32318 Fine particulate capture device
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991] c09 N71-21449 Development of method for improving signal to noise ratio and accuracy of Wheatstone bridge type radiation measuring instrument [NASA-CASE-XLA-02810] c14 N71-25901 Design and development of buck-boost voltage regulator circuit with additive or subtractive alternating current impressed on variable direct current source voltage	[NASA-CASE-KSC-10731-1] c14 N73-10461 Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] c07 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] c14 N73-32318
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991] c09 N71-21449 Development of method for improving signal to noise ratio and accuracy of Wheatstone bridge type radiation measuring instrument [NASA-CASE-XLA-02810] c14 N71-25901 Design and development of buck-boost voltage regulator circuit with additive or subtractive alternating current impressed on variable direct current source voltage [NASA-CASE-GSC-10735-1] c10 N71-26085	[NASA-CASE-KSC-10731-1] c14 N73-10461 Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] c07 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] c14 N73-32318 Fine particulate capture device [NASA-CASE-LER-11583-1] c15 N74-13199 BLECTRIC FILTERS
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991] c09 N71-21449 Development of method for inproving signal to noise ratio and accuracy of Wheatstone bridge type radiation measuring instrument [NASA-CASE-XLA-02810] Design and development of buck-boost voltage regulator circuit with additive or subtractive alternating current impressed on variable direct current source voltage [NASA-CASE-GSC-10735-1] c10 N71-26085 Development and characteristics of	[NASA-CASE-KSC-10731-1] c14 N73-10461 Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] c07 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] c14 N73-32318 Fine particulate capture device [NASA-CASE-LEH-11583-1] c15 N74-13199 BLECTRIC FILTERS Describing static inverter with single or multiple phase output
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991] co9 N71-21449 Development of method for improving signal to noise ratio and accuracy of Wheatstone bridge type radiation measuring instrument [NASA-CASE-XLA-02810] c14 N71-25901 Design and development of buck-boost voltage regulator circuit with additive or subtractive alternating current impressed on variable direct current source voltage [NASA-CASE-GSC-10735-1] c10 N71-26085 Development and characteristics of electronically resettable fuse with saturable	[NASA-CASE-KSC-10731-1] c14 N73-10461 Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] c07 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] c14 N73-32318 Fine particulate capture device [NASA-CASE-KSC-11730-1] c15 N74-13199 BLECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-KHF-00663] c08 N71-18752
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991] c09 N71-21449 Development of method for improving signal to noise ratio and accuracy of Wheatstone bridge type radiation measuring instrument [NASA-CASE-XLA-02810] c14 N71-25901 Design and development of buck-boost voltage regulator circuit with additive or subtractive alternating current impressed on variable direct current source voltage [NASA-CASE-GSC-10735-1] c10 N71-26085 Development and characteristics of electronically resettable fuse with saturable core current sensing transformer having two	[NASA-CASE-KSC-10731-1] Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] c07 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] c14 N73-32318 Fine particulate capture device [NASA-CASE-LEH-11583-1] c15 N74-13199 BLECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-NHF-00663] c08 N71-18752 Apparatus for filtering input signals
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991] c09 N71-21449 Development of method for improving signal to noise ratio and accuracy of Wheatstone bridge type radiation measuring instrument [NASA-CASE-XLA-02810] c14 N71-25901 Design and development of buck-boost voltage regulator circuit with additive or subtractive alternating current impressed on variable direct current source voltage [NASA-CASE-GSC-10735-1] c10 N71-26085 Development and characteristics of electronically resettable fuse with saturable core current sensing transformer having two outside legs and center leg	[NASA-CASE-KSC-10731-1] c14 N73-10461 Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] c07 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] c14 N73-32318 Fine particulate capture device [NASA-CASE-LEH-11583-1] c15 N74-13199 BLECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-INF-00663] c08 N71-18752 Apparatus for filtering input signals [NASA-CASE-NPO-10198] c09 N71-24806
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991]	[NASA-CASE-KSC-10731-1] c14 N73-10461 Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] c07 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] c14 N73-32318 Fine particulate capture device [NASA-CASE-KSC-10730-1] c15 N74-13199 BLECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-XMF-00663] Apparatus for filtering input signals [NASA-CASE-NFO-10198] Active RC filter networks and amplifiers for
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991]	[NASA-CASE-KSC-10731-1] c14 N73-10461 Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] c07 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] c14 N73-32318 Fine particulate capture device [NASA-CASE-KSC-10730-1] c15 N74-13199 BLECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-XMF-00663] c08 N71-18752 Apparatus for filtering input signals [NASA-CASE-NPO-10198] c09 N71-24806 Active BC filter networks and amplifiers for deep space magnetic field measurement
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991] c09 N71-21449 Development of method for improving signal to noise ratio and accuracy of Wheatstone bridge type radiation measuring instrument [NASA-CASE-XLA-02810] c14 N71-25901 Design and development of buck-boost voltage regulator circuit with additive or subtractive alternating current impressed on variable direct current source voltage [NASA-CASE-GSC-10735-1] c10 N71-26085 Development and characteristics of electronically resettable fuse with saturable core current sensing transformer having two outside legs and center leg [NASA-CASE-XGS-11177] Development and characteristics of voltage regulator for connection in series with	[NASA-CASE-KSC-10731-1] c14 N73-10461 Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] c07 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] c14 N73-32318 Fine particulate capture device [NASA-CASE-LEH-11583-1] c15 N74-13199 BLECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-NHP-00663] c08 N71-18752 Apparatus for filtering input signals [NASA-CASE-NPO-10198] c09 N71-24806 Active RC filter networks and amplifiers for deep space magnetic field measurement [NASA-CASE-KAC-05462-2] c10 N72-17171
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991]	[NASA-CASE-KSC-10731-1] Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] CO7 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] C14 N73-32318 Fine particulate capture device [NASA-CASE-KSC-117583-1] C15 N74-13199 BLECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-XMF-00663] Apparatus for filtering input signals [NASA-CASE-NFO-10198] Active RC filter networks and amplifiers for deep space magnetic field measurement [NASA-CASE-XAC-05462-2] Active filter circuit comprising passive RC
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991]	[NASA-CASE-KSC-10731-1] c14 N73-10461 Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] c07 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] c14 N73-32318 Fine particulate capture device [NASA-CASE-LEH-11583-1] c15 N74-13199 BLECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-MF-00663] c08 N71-18752 Apparatus for filtering input signals [NASA-CASE-MFD-10198] c09 N71-24806 Active EC filter networks and amplifiers for deep space magnetic field measurement [NASA-CASE-XAC-05462-2] c10 N72-1717 Active filter circuit comprising passive EC network and dc voltage or operational amplifier
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991]	[NASA-CASE-KSC-10731-1] Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] CO7 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] C14 N73-32318 Fine particulate capture device [NASA-CASE-LEH-11583-1] C15 N74-13199 BLECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-MF0-00663] Apparatus for filtering input signals [NASA-CASE-MF0-10198] C09 N71-24806 Active EC filter networks and amplifiers for deep space magnetic field measurement [NASA-CASE-XAC-05462-2] C10 N72-17171 Active filter circuit comprising passive EC network and dc voltage or operational amplifier [NASA-CASE-XAC-05462-1] C09 N72-20209
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991]	[NASA-CASE-KSC-10731-1] c14 N73-10461 Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] c07 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] c14 N73-32318 Fine particulate capture device [NASA-CASE-LEH-11583-1] c15 N74-13199 BLECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-NFF-00663] c08 N71-18752 Apparatus for filtering input signals [NASA-CASE-NFP-01998] c09 N71-24806 Active EC filter networks and amplifiers for deep space magnetic field measurement [NASA-CASE-NAC-05462-2] c10 N72-17171 Active filter circuit comprising passive EC network and dc voltage or operational amplifier [NASA-CASE-NAC-05462] c09 N72-20209 Multiloop RC active filter network with low
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991]	[NASA-CASE-KSC-10731-1] Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] C07 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] C14 N73-32318 Fine particulate capture device [NASA-CASE-KSC-10730-1] C15 N74-13199 ELECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-KNF-00663] Apparatus for filtering input signals [NASA-CASE-NF-00663] Active RC filter networks and amplifiers for deep space magnetic field measurement [NASA-CASE-KAC-05462-2] Active filter circuit comprising passive RC network and dc voltage or operational amplifier [NASA-CASE-XAC-05462] Multiloop RC active filter network with low parameter sensitivity and low amplifier gain [NASA-CASE-XAC-10192]
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991]	[NASA-CASE-KSC-10731-1] Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] CO7 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] C14 N73-32318 Fine particulate capture device [NASA-CASE-LEH-11583-1] C15 N74-13199 BLECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-LHF-00663] Apparatus for filtering input signals [NASA-CASE-MF0-00198] C09 N71-24806 Active EC filter networks and amplifiers for deep space magnetic field measurement [NASA-CASE-NAC-05462-2] C10 N72-17171 Active filter circuit comprising passive RC network and dc voltage or operational amplifier [NASA-CASE-XAC-05462] Multiloop RC active filter network with low parameter sensitivity and low amplifier gaim [NASA-CASE-ARC-10192] Development of electric connector and nin
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991]	[NASA-CASE-KSC-10731-1] Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] CO7 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] Fine particulate capture device [NASA-CASE-KSC-10730-1] C14 N73-32318 Fine particulate capture device [NASA-CASE-LEH-11583-1] BLECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-NHF-00663] Apparatus for filtering input signals [NASA-CASE-NHF-00663] Active RC filter networks and amplifiers for deep space magnetic field measurement [NASA-CASE-NAC-05462-2) C10 N72-17171 Active filter circuit comprising passive RC network and dc voltage or operational amplifier [NASA-CASE-XAC-05462] Multiloop RC active filter network with low parameter sensitivity and low amplifier gain [NASA-CASE-ARC-10192] Development of electric connector and pin assembly with radio frequency absorbing sleeve
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991]	[NASA-CASE-KSC-10731-1] Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] CO7 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] C14 N73-32318 Fine particulate capture device [NASA-CASE-KSC-10730-1] C15 N74-13199 BLECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-XMF-00663] Apparatus for filtering input signals [NASA-CASE-NPO-10198] Active RC filter networks and amplifiers for deep space magnetic field measurement [NASA-CASE-NPO-10198] Active RC filter circuit comprising passive RC network and dc voltage or operational amplifier [NASA-CASE-XAC-05462-2] Multiloop RC active filter network with low parameter sensitivity and low amplifier gain [NASA-CASE-NRC-10192] C09 N72-21245 Development of electric connector and pin assembly with radio frequency absorbing sleeve to reduce radio frequency interference
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991]	[NASA-CASE-KSC-10731-1] Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] CO7 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] C14 N73-32318 Fine particulate capture device [NASA-CASE-KSC-10730-1] Fine particulate capture device [NASA-CASE-LEH-11583-1] C15 N74-13199 BLECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-NF-00663] Apparatus for filtering input signals [NASA-CASE-NF-00663] CO8 N71-18752 Apparatus for filtering input signals [NASA-CASE-NF0-10198] Active EC filter networks and amplifiers for deep space magnetic field measurement [NASA-CASE-NAC-05462-2] C10 N72-17171 Active filter circuit comprising passive BC network and dc voltage or operational amplifier [NASA-CASE-XAC-05462] C09 N72-20209 Multiloop RC active filter network with low parameter sensitivity and low amplifier gain [NASA-CASE-ARC-10192] Development of electric connector and pin assembly with radio frequency absorbing sleeve to reduce radio frequency interference [NASA-CASE-XLA-02609]
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991]	[NASA-CASE-KSC-10731-1] Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] CO7 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] C14 N73-32318 Fine particulate capture device [NASA-CASE-KSC-10730-1] Fine particulate capture device [NASA-CASE-LEH-11583-1] C15 N74-13199 BLECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-MF-00663] Apparatus for filtering input signals [NASA-CASE-MF-00663] CO8 N71-18752 Apparatus for filtering input signals [NASA-CASE-MF-00663] Active EC filter networks and amplifiers for deep space magnetic field measurement [NASA-CASE-NAC-05462-2] C10 N72-17171 Active filter circuit comprising passive RC network and dc voltage or operational amplifier [NASA-CASE-NAC-05462] C09 N72-20209 Multiloop RC active filter network with low parameter sensitivity and low amplifier gaim [NASA-CASE-ARC-10192] Development of electric connector and pin assembly with radio frequency absorbing sleeve to reduce radio frequency interference [NASA-CASE-NLA-02609] Filter for third order phase locked loops in
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991]	[NASA-CASE-KSC-10731-1] Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] CO7 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] C14 N73-32318 Fine particulate capture device [NASA-CASE-KSC-10730-1] Fine particulate capture device [NASA-CASE-LEH-11583-1] C15 N74-13199 BLECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-MF-00663] Apparatus for filtering input signals [NASA-CASE-MF-00663] CO8 N71-18752 Apparatus for filtering input signals [NASA-CASE-MF-00663] Active EC filter networks and amplifiers for deep space magnetic field measurement [NASA-CASE-NAC-05462-2] C10 N72-17171 Active filter circuit comprising passive RC network and dc voltage or operational amplifier [NASA-CASE-NAC-05462] C09 N72-20209 Multiloop RC active filter network with low parameter sensitivity and low amplifier gaim [NASA-CASE-ARC-10192] Development of electric connector and pin assembly with radio frequency absorbing sleeve to reduce radio frequency interference [NASA-CASE-NLA-02609] Filter for third order phase locked loops in signal receivers
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991]	[NASA-CASE-KSC-10731-1] Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] C07 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] C14 N73-32318 Fine particulate capture device [NASA-CASE-KSC-10730-1] C15 N74-13199 BLECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-XHF-00663] Apparatus for filtering input signals [NASA-CASE-NPO-10198] Active RC filter networks and amplifiers for deep space magnetic field measurement [NASA-CASE-NPO-10198] Active filter circuit comprising passive RC network and dc voltage or operational amplifier [NASA-CASE-XAC-05462] Multiloop RC active filter network with low parameter sensitivity and low amplifier gain [NASA-CASE-XAC-05462] Development of electric connector and pin assembly with radio frequency absorbing sleeve to reduce radio frequency interference [NASA-CASE-XLA-02609] C09 N72-25256 Pilter for third order phase locked loops in signal receivers [NASA-CASE-NLO-11941-1]
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991]	[NASA-CASE-KSC-10731-1] Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] CO7 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] Fine particulate capture device [NASA-CASE-KSC-10730-1] Fine particulate capture device [NASA-CASE-LEH-11583-1] ELECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-MF-00663] Apparatus for filtering input signals [NASA-CASE-MF-00663] Active EC filter networks and amplifiers for deep space magnetic field measurement [NASA-CASE-MF0-10198] Active filter circuit comprising passive EC network and dc voltage or operational amplifier [NASA-CASE-XAC-05462-2] Multiloop RC active filter network with low parameter sensitivity and low amplifier gain [NASA-CASE-ARC-10192] Development of electric connector and pin assembly with radio frequency absorbing sleeve to reduce radio frequency interference [NASA-CASE-XRL-02609] Pilter for third order phase locked loops in signal receivers [NASA-CASE-NP0-11941-1] ELECTRIC FUSES
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991]	[NASA-CASE-KSC-10731-1] Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] CO7 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] Fine particulate capture device [NASA-CASE-LEH-11583-1] ELECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-XMF-00663] Apparatus for filtering input signals [NASA-CASE-NFO-10198] Active EC filter networks and amplifiers for deep space magnetic field measurement [NASA-CASE-NAC-05462-2] CO9 N71-24806 Active EC filter circuit comprising passive EC network and dc voltage or operational amplifier [NASA-CASE-XAC-05462] Multiloop EC active filter network with low parameter sensitivity and low amplifier gain [NASA-CASE-ARC-10192] Development of electric connector and pin assembly with radio frequency interference [NASA-CASE-NAC-0509] Filter for third order phase locked loops in signal receivers [NASA-CASE-NPO-11941-1] ELECTRIC FUSES Development of in-line fuse device for
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991]	[NASA-CASE-KSC-10731-1] Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] CO7 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] Fine particulate capture device [NASA-CASE-NPO-10198] Fine particulate capture with single or multiple phase output [NASA-CASE-NPO-10198] Fine particulate capture signals [NASA-CASE-NPO-10198] Fine particulate comprising passive RC network and dc voltage or operational amplifier [NASA-CASE-NAC-05462] Fine particulate capture filter network with low parameter sensitivity and low amplifier gain [NASA-CASE-NAC-05462] Fine particulate connector and pin assembly with radio frequency absorbing sleeve to reduce radio frequency interference [NASA-CASE-NAC-0509] Filter for third order phase locked loops in signal receivers [NASA-CASE-NPO-11941-1] FILECTRIC FUSES FOVELORMENT OF ELECTRIC forms Development of in-line fuse device for protection of electric circuits from excessive
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991]	[NASA-CASE-KSC-10731-1] Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] CO7 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] Fine particulate capture device [NASA-CASE-NF0-10198] Fine particulate capture device [NASA-CASE-NF0-10198] Fine particulate capture with single or multiple phase output [NASA-CASE-NF0-10198] Fine particulate capture single passive BC INSA-CASE-NAC-05462] Fine particulate capture passive BC Fine particulate capture passive BC Fine particulate particula
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-IMS-01991]	[NASA-CASE-KSC-10731-1] Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] CO7 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] Fine particulate capture device [NASA-CASE-LEH-11583-1] ELECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-MFF-00663] Apparatus for filtering input signals [NASA-CASE-MFD-10198] Active EC filter networks and amplifiers for deep space magnetic field measurement [NASA-CASE-MAC-05462-2] Active filter circuit comprising passive EC network and dc voltage or operational amplifier [NASA-CASE-XAC-05462] Multiloop RC active filter network with low parameter sensitivity and low amplifier gain [NASA-CASE-ARC-10192] Development of electric connector and pin assembly with radio frequency absorbing sleeve to reduce radio frequency interference [NASA-CASE-NLA-02609] Pilter for third order phase locked loops in signal receivers [NASA-CASE-NPO-11941-1] ELECTRIC FUSES Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-NPO-12135-1]
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991]	[NASA-CASE-KSC-10731-1] Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] CO7 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] Fine particulate capture device [NASA-CASE-KSC-10730-1] ELECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-XHP-00663] Apparatus for filtering input signals [NASA-CASE-XHP-00663] Active RC filter networks and amplifiers for deep space magnetic field measurement [NASA-CASE-NPO-10198] Active filter circuit comprising passive RC network and dc voltage or operational amplifier [NASA-CASE-XAC-05462-2] Multiloop RC active filter network with low parameter sensitivity and low amplifier gain [NASA-CASE-XAC-05462] Development of electric connector and pin assembly with radio frequency absorbing sleeve to reduce radio frequency interference [NASA-CASE-XLA-02609] Pilter for third order phase locked loops in signal receivers [NASA-CASE-NDO-11941-1] ELECTRIC FUSES Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-MSC-12135-1] Single electrical circuit component combining diode, fuse, and blown indicator with
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991] c09 N71-21449 Development of method for improving signal to noise ratio and accuracy of Wheatstone bridge type radiation measuring instrument [NASA-CASE-XLA-02810] c14 N71-25901 Design and development of buck-boost voltage regulator circuit with additive or subtractive alternating current impressed on variable direct current source voltage [NASA-CASE-GSC-10735-1] c10 N71-26085 Development and characteristics of electronically resettable fuse with saturable core current sensing transformer having two outside legs and center leg [NASA-CASE-GSC-11777] c09 N71-27001 Development and characteristics of voltage regulator for connection in series with alternating current source and load using three leg, two-window transformer [NASA-CASE-KGS-11177] c09 N71-27053 Development of electric circuit for production of different pulse width signals [NASA-CASE-REC-10113] c09 N71-27053 Development of solar energy powered heliotrope assembly to orient solar array toward sun [NASA-CASE-KLA-07788] c1 N72-31637 Development of temperature compensated light source with components and circuitry for maintaining luminous intensity independent of temperature variations [NASA-CASE-ARC-10467-1] c09 N73-14214 Development and characteristics of hermetically sealed coaxial package for containing microwave semiconductor components [NASA-CASE-GSC-10791-1] c15 N73-14469 Overvoltage protection network [NASA-CASE-ARC-10197-1] c09 N74-17929 Self-regulating proportionally controlled	[NASA-CASE-KSC-10731-1] Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] CO7 N73-20175 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] Fine particulate capture device [NASA-CASE-KSC-10730-1] ELECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-XHP-00663] Apparatus for filtering input signals [NASA-CASE-XHP-00663] Active RC filter networks and amplifiers for deep space magnetic field measurement [NASA-CASE-NPO-10198] Active filter circuit comprising passive RC network and dc voltage or operational amplifier [NASA-CASE-XAC-05462-2] Multiloop RC active filter network with low parameter sensitivity and low amplifier gain [NASA-CASE-XAC-05462] Development of electric connector and pin assembly with radio frequency absorbing sleeve to reduce radio frequency interference [NASA-CASE-XLA-02609] Pilter for third order phase locked loops in signal receivers [NASA-CASE-NDO-11941-1] ELECTRIC FUSES Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-MSC-12135-1] Single electrical circuit component combining diode, fuse, and blown indicator with
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991]	[NASA-CASE-KSC-10731-1] Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] Fine particulate capture device [NASA-CASE-KSC-10730-1] Fine particulate capture device [NASA-CASE-LEH-11583-1] ELECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-XMF-00663] Apparatus for filtering input signals [NASA-CASE-XMF-00663] Active EC filter networks and amplifiers for deep space magnetic field measurement [NASA-CASE-XAC-05462-2] Active fitter circuit comprising passive EC network and dc voltage or operational amplifier [NASA-CASE-XAC-05462-2] Multiloop RC active filter network with low parameter sensitivity and low amplifier gain [NASA-CASE-ARC-10192] Development of electric connector and pin assembly with radio frequency absorbing sleeve to reduce radio frequency interference [NASA-CASE-XLA-02609] Filter for third order phase locked loops in signal receivers [NASA-CASE-NPO-11941-1] ELECTRIC FUSES Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-NPO-11941-1] Single electrical circuit component combining diode, fuse, and blown indicator with elongated tube of heat resistant transparent material
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991] Development of method for improving signal to noise ratio and accuracy of Wheatstone bridge type radiation measuring instrument [NASA-CASE-XLA-02810] Design and development of buck-boost voltage regulator circuit with additive or subtractive alternating current impressed on variable direct current source voltage [NASA-CASE-GSC-10735-1] Development and characteristics of electronically resettable fuse with saturable core current sensing transformer having two outside legs and center leg [NASA-CASE-GSC-11777] Development and characteristics of voltage regulator for connection in series with alternating current source and load using three leg, two-window transformer [NASA-CASE-RC-10113] Development of electric circuit for production of different pulse width signals [NASA-CASE-RC-10113] Development of solar energy powered heliotrope assembly to orient solar array toward sun [NASA-CASE-ILA-07788] Development of temperature compensated light source with components and circuitry for maintaining luminous intensity independent of temperature variations [NASA-CASE-ARC-10467-1] Development and characteristics of hermetically sealed coaxial package for containing microwave semiconductor components [NASA-CASE-ARC-10791-1] Overvoltage protection network [NASA-CASE-ARC-10197-1] Overvoltage protection network [NASA-CASE-ARC-10197-1] Co9 N74-17929 Self-regulating proportionally controlled heating apparatus and technique [NASA-CASE-GSC-11752-1] Co3 N74-19583	[NASA-CASE-KSC-10731-1] Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] Fine particulate capture device [NASA-CASE-LEW-11583-1] ELECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-XHT-00663] Apparatus for filtering input signals [NASA-CASE-NPO-10198] Active EC filter networks and amplifiers for deep space magnetic field measurement [NASA-CASE-XAC-05462-2] C10 N72-17171 Active filter circuit comprising passive HC network and dc voltage or operational amplifier [NASA-CASE-XAC-05462] C09 N72-20209 Multiloop RC active filter network with low parameter sensitivity and low amplifier gain [NASA-CASE-ARC-01942] Development of electric connector and pin assembly with radio frequency absorbing sleeve to reduce radio frequency absorbing sleeve to reduce radio frequency interference [NASA-CASE-NC-10192] Development of electric connector for protection of electric circuits from excessive currents and voltages [NASA-CASE-NCO-11941-1] ELECTRIC FUSES Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-NSC-12135-1] Single electrical circuit component combining diode, fuse, and blown indicator with elongated tube of heat resistant transparent material [NASA-CASE-KKS-03381]
Design, development, and operating principles of power supply with starting circuit which is independent of voltage regulator [NASA-CASE-XMS-01991]	[NASA-CASE-KSC-10731-1] Apparatus for determining distance to lighting strokes from single station by magnetic and electric field sensing antennas [NASA-CASE-KSC-10698] Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] Fine particulate capture device [NASA-CASE-KSC-10730-1] Fine particulate capture device [NASA-CASE-LEH-11583-1] ELECTRIC FILTERS Describing static inverter with single or multiple phase output [NASA-CASE-XMF-00663] Apparatus for filtering input signals [NASA-CASE-XMF-00663] Active EC filter networks and amplifiers for deep space magnetic field measurement [NASA-CASE-XAC-05462-2] Active fitter circuit comprising passive EC network and dc voltage or operational amplifier [NASA-CASE-XAC-05462-2] Multiloop RC active filter network with low parameter sensitivity and low amplifier gain [NASA-CASE-ARC-10192] Development of electric connector and pin assembly with radio frequency absorbing sleeve to reduce radio frequency interference [NASA-CASE-XLA-02609] Filter for third order phase locked loops in signal receivers [NASA-CASE-NPO-11941-1] ELECTRIC FUSES Development of in-line fuse device for protection of electric circuits from excessive currents and voltages [NASA-CASE-NPO-11941-1] Single electrical circuit component combining diode, fuse, and blown indicator with elongated tube of heat resistant transparent material

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[NASA-CASE-XGS-03429] c03 N69-21330	[NASA-CASE-XGS-05680] c14 N71-17585
	Reversible current directing circuitry for reversible motor control
charged propellant particles in electrostation	[NASA-CASE-XLA-09371] c10 N71-18724
propulsion system [N.53-CASE-VIE-00818] C22 N70-34248	Stenning motor control apparatus exciting
[NASA-CASE-NLE-00818] c22 N70-34248 Design and development of electric generator for	windings in proper time sequence to cause
and an nover system	motor to rotate in either direction [Naca-Case-GSC-10366-1] c10 N71-18772
r va ca _ca cp_vr p_01 250 1 Cyz n / 174 250	[NASA-CASE-GSC-10366-1] c10 N/1-18//2 Electromagnetic braking arrangement for
name to a mont and characteristics of Single of	controlling rotor rotation in electric motor
doubl pulse generator which produces constant	rnasa-case-xnp-069361 c15 N71-24695
width pulses in nanosecond region [NASA-CASE-XGS-03427] c10 N71-23029	Electric motor control system with pulse width
n-malonmont of clin ring assembly with inner and	modulation for providing automatic null
outer peripheral surfaces used as electrical	seeking servo [NASA-CASE-XMF-05195] c10 N71-24861
contacts for brushes	velocity limiting safety system for motor driven
[NASA-CASE-XMF-01049] c15 N71-23049 Conversion of positive dc voltage to positive dc	research vehicle
voltage of lower amplitude	[NASA-CASE-XLA-07473] c15 N71-24895
FM C 3 _ C 3 C 2 _ V M 2 _ 1 L 3 L 1 L 1 L 2 L 1 L C U S N / 1 - 2 J 1 O O	Design and development of electric motor with stationary field and armature windings which
uich temperature ferromagnetic cobalt-base alloy	operates on direct current
for electrical power generating equipment	(Na SA-CASE-XGS-05290) C09 N71-25999
[NASA-CASE-XLE-03629] C17 N/1-23248 Solid state integrator for converting variable	Circuits for controlling reversible dc motor
width pulses into analog voltage	[NASA-CASE-XNP-07477] CO9 N71-26092
rmaca_cace_via_nqq561	Pulse duration control device for driving slow response time loads in selected sequence
Electric power system with circulatory liquid	including switching and delay circuits and
coolant cooling system	pagnetic storage
[MASA-CASE-MFS-14114-2] CO9 N71-24807 Device utilizing BC rate generators for	[NASA-CASE-XGS-04224] C10 N71-26418
continuous slow speed measurement	Feedback control for direct current motor to
CNACA_CACE=YMR=029661 CIU N/1-24003	achieve constant speed under varying loads [NASA-CASE-MFS-14610] c09 N71-28886
Device for voltage conversion using controlled	Outimal control system for automatic speed
pulse widths and arrangements to generate ac	regulation of electric driven motor vehicle
output voltage [NASA-CASE-MFS-10068] c10 N71-25139	r NASA-CASE-NPO-112101 C11 N72-20244
Multiple waractor for generating high	Direct current motor including stationary field
frequencies with high power and high	windings and stationary armature winding [NASA-CASE-IGS-07805] c15 N72-33476
conversion efficiency (NASA-CASE-YNF-04958-1) c10 N71-26414	Speed control system for dc motor equipped with
[NASA-CASE-XMF-04958-1] c10 N71-26414 Circuit design for failure sensing and	brushless Hall effect device
protecting low voltage electric generator and	[NASA-CASE-MFS-20207-1] c09 N73-32107
power transmission networks	ELECTRIC NETWORKS Electric network for monitoring temperatures,
funca_cagr_cgc_1611&=11	detecting critical temperatures, and
Electric power system with thermionic diodes and circulatory liquid metal coolant lines	indicating critical time duration
[NASA=CASR+MPS-14114] C33 N/1-2/862	rnasa-case-xmf-01097] c10 N/1-16058
Power converters for supplying direct current at	Development and characteristics of single or
one voltage from source at another voltage	doubl pulse generator which produces constant width pulses in nanosecond region
[NASA-CASE-XER-11046] c09 N72-22203	f NA SA-CASE-XGS-03427] C1U N71-23029
Inductive-capacitive loops as load insensitive power converters	Switching series regulator with gating control
[NASA-CASE-ERC-10268] C09 N72-25252	network
Do to ac to do converter with transistor driven	[NASA-CASE-XMS-09352] CO9 N/1-23310 Broadband frequency discriminator with resistive
synchronous rectifiers Inasa-cass-gsc-11126-11 c09 n72-25253	captive inductive networks
[NASA-CASE-GSC-11126-1] C09 N72-25253 Device for converting electromagnetic wave	[NASA-CASE-NPO-10096] c07 N71-24583
energy into electric power	RLECTRIC POTENTIAL
FNASA-CASE-GSC-11394-11 C09 N73-32109	Battery charging system with cell to cell
Brushless electromechanical generator for sine	voltage balance [NASA-CASE-XGS-05432] C03 N71-19438
and cosine functions fnasa-case-lar-11389-11 c09 n73-32121	Conversion of positive dc voltage to positive dc
[NASA-CASE-LAR-11389-1] C09 N73-32121 Heat operated cryogenic electrical generator	voltage of lower amplitude
using liquid helium conversion	(NASA-CASE-XMF-143011 CO9 N73-23188
(NASA-CASE-NPO-13303-11	Solid state integrator for converting variable
Electric power generation system directly from	<pre>vidth pulses into analog voltage [NASA-CASE-XLA-03356]</pre>
laser power rwasa-case-npo-13308-11 co3 N74-19702	herice for monitoring voltage by generating
[NASA-CASE-NPO-13308-1] c03 N74-19702 RESCURIC IGNITION	signal when voltages drop below predetermined
Method of making solid propellant rocket motor	value (NASA-CASE-KSC-10020) c10 N71-27338
having reliable high altitude capabilities,	[NASA-CASE-KSC-10020] C10 N71-27338 Transmitter receiver system for measuring
long shelf life, and capable of firing with	millivolt electrical signals with high common
nozzle closure with foamed plastic permanent mandrel	mode potential
[NASA-CASE-XLA-04126] c28 N71-26779	[NASA-CASE-XLE-03155-21 C09 N72-20205
BLECTRIC MOTORS	plotter device for automatically drawing
Automatic control of voltage supply to direct	equipotential lines on sheet of resistance paper [NASA-CASE-NFO-11134] C09 N72-21246
current motor [NASA-CASB-IMS-04215-1] c09 N69-39987	Pulsed excitation voltage circuit for strain
Rectronic circuit system for controlling	gage bridge transducers
electric motor speed	rnasa-case-frc-10036]
[NASA-CASE-XMF-01129] c09 N70-38712	Power converters for supplying direct current at one voltage from source at another voltage
Using electron bean switching for brushless	[NEGE=CASE=XRR+11046] C09 N/2-22203
motor commutation [NASA-CASE-XGS-01451] c09 N71-10677	Continuously variable, voltage-controlled phase
Direct current electromotive system for	shifter and another
regenerative braking of electric motor	[NASA-CASE-NPO-11129] c09 N72-33204
[NASA-CASE-XMF-01096] c10 N71-16030	Development of test probe device for simultaneous determination of condition of
Describing angular position and velocity sensing	cells in multi-cell storage battery
apparatus	- 46

[NASA-CASE-MFS-20761-1] c03 N73-17037 Controllable high voltage source having fast	Time division multiplexer with magnetic latching relays
[NASA-CASE-GSC-11844-1]	(NASA-CASE-XNP-00431) c09 N70-3899 Alarm system design for monitoring one or more
ELECTRIC POHER	relay cicuits
Switching circuit with regeneratively connected transistors eliminating power consumption when	[NASA-CASE-XUS-10984-1] c10 N71-1941
not in use	Time division relay synchronizer with master sync pulse for activating binary counter to
[NASA-CASE-XNP-02654] c10 N70-42032 Variable water load for dissipating large	produce signal identifying time slot for stati
amounts of electrical power during high	[NASA-CASE-GSC-10373-1] c07 N71-1977 Relay circuit breaker with magnetic latching to
Voltage power supply tests	provide conductive and nonconductive paths for
[NASA-CASE-XNP-05381] C09 N71-20842 BLECTRIC POHER SUPPLIES	current devices
Current dependent variable inductance for input	[NASA-CASE-MSC-11277] c09 N71-2900 Piezoelectric relay with pair of bimorphs
fliter chokes of ac or dc power supplies	[NASA-CASE-GSC-11627-1] c09 N74-1985
Development of thermal to electric power	BLECTRIC ROCKET ENGINES Electric rocket engine with electron bombardment
COnversion system using solid state switches	ionization chamber
of electrical currents to load for Seebeck effect compensation	[NASA-CASE-XNP-04124] c28 N71-2182
[NASA-CASE-NPO-11388] COB N72-23048	ELECTRIC SHITCHES Thermionic diode switch for use in high
Development of electrical circuit for suppressing oscillations across inductor	temperature region to chop current from do
operating in resonant mode	source [NASA-CASE-NPO-10404] c03 N71-1225
[NASA~CASE-ERC-10403-1] 610 N73-26228	Characteristics of hermetically sealed electric
Powerplexer for distribution of dc power levels to loads which require different woltages	switch with flexible operating capability
[NASA-CASE-NSC-12396-1]	[NASA-CASE-INP-09808] c09 N71-1251 Electrical switching device comprising
Reliable electrical element heater using plural	conductive liquid confined within square loop
wire system and backup power sources [NASA-CASE-MFS-21462-1] c09 N74-14935	of deformable nonconductive tubing also used for leveling
BLECTRIC POURE TRANSMISSION	[NASA-CASE-NPO-10037] c09 N71-1961
Power switch with transfluxor type magnetic core [NASA-CASE-NPO-10242] c09 N71-24803	System for checking status of several
Circuit design for failure sensing and	double-throw switches by readout indications [NASA-CASE-XLA-08799] c10 N71-2727;
protecting low voltage electric generator and power transmission networks	Pulse generating circuit for operation at very
[NASA-CASE-GSC-10114-1] c10 N71-27366	high duty cycles and repetition rates [NASA-CASE-XNP-00745] c10 N71-2896
Powerplexer for distribution of dc power levels	[NASA-CASE-XNP-00745] c10 N71-28960 High dc switch for causing abrupt, cyclic,
to loads which require different voltages [NASA-CASE-HSC-12396-1] c03 N73-31988	decreases of current to operate under zero or
Microwave power transmission system wherein	varying gravity conditions [NASA+CASE-LEM-10155-1] c09 N71-2903
level of transmitted power is controlled by reflections from receiver	Zero power telemetry actuated switch for
[NASA-CASE-MFS-21470-1] c10 N74-19870	biomedical equipment [NASA-CASE-ARC-10105] c09 N72-17153
BLECTRIC PROPULSION	Development of differential pressure control
Electric propulsion engine test chamber [NASA-CASE-XLE-00252] c11 N70-34844	system using motion of mechanical diaphragms to operate electric switch
ELECTRIC PULSES	[NASA-CASE-MFS-14216] c14 N73-13418
RC transistor circuit to indicate each pulse of pulse train and occurrence of nth pulse	ELECTRIC TERRITALS Electrical connector pin with wiping action to
[NASA-CASE-XMF-00906] c09 N70-41655	assure reliable contact
Design and development of variable pulse width nultiplier	[NASA-CASE-XMF-04238] c09 N69-39734
[NASA-CASE-XLA-02850] CO9 N71-20447	Patent data on terminal insert connector for flat electric cables
Piezoelectric transducer for monitoring sound waves of physiological origin	[NASA-CASE-XMF-00324 1 cog w70-34596
[NASA-CASE-XMS-05365] c14 N71-22993	Tool attachment for spreading or moving away loose elements from terminal posts during
Development and characteristics of single or	binding of filamentary elements
doubl pulse generator which produces constant width pulses in nanosecond region	[NASA-CASE-XHF-02107] c15 N71-10809
[NASA-CASE-XGS-03427] c10 N71-23029	Electrical spot terminal assembly for printed circuit boards
Solid state integrator for converting variable width pulses into analog voltage	[NASA-CASE-NPO-10034] C15 N71=17685
(NASA-CASE-XLA-03356] c10 N71-23315	Device for resistance soldering electrical leads to solder cups of multiple terminal block
Development and characteristics of electric	[NASA-CASE-GSC-10913] 615 W72-22464
circuitry for detecting electrical pulses rise time and amplitude	Development of electric connector and oin
[NASA-CASE-INF-08804] c09 N71-24717	assembly with radio frequency absorbing sleeve to reduce radio frequency interference
Circuit for measuring wide range of pulse rates by utilizing high capacity counter	[NASA-CASE-KLA-02609]
[NASA-CASE-XNP-06234] c10 N71-27137	BLECTRIC HELDING Development of electric meeding torch with
Precision full wave rectifier circuit for	casing on one end to form inert gas shield
rectifying incoming electrical signals having positive or negative polarity with only	[NASA-CASE-IMF-02330] c15 N71-23798 Electric resistance spot welding and brazing for
positive output signals	Producing metal bonds with superior mechanical
[NASA-CASE-ARC-10101-1] c09 N71-33109 Transmitter receiver system for measuring	and structural characteristics
millivolt electrical signals with high common	[NASA-CASE-LAR-11072-1] c15 N73-20535 Process for selding compressor and turbine
mode potential [NASA-CASE-XLE-03155-2] c09 N72-20205	plades to rotors and discs of jet engines
Orthotic arm joint for manipulating objects	[NASA-CASE-LEB-10533-1] c15 N73-28515 ELECTRIC BIRE
in response to electrical signals	Apparatus for forming wire grids for electric
[NASA-CASE-MFS-21611-1] c05 N74-10100 BLECTRIC RELATS	Strain gages
Spark gap type protective circuit for fast	Control of fusion welding through use of
sensing and removal of overvoltage conditions [NASA-CASE-MAC-08981] c09 N69-39897	thermocouple wire
T-P	[WASA-CASE-MFS-06074] c15 N71-20393

a mater show lawon	Low impedance apparatus for measuring
Ablation sensor for measuring char layer recession rate using electric wires	electrostatic field intensity near space
CM CT C A CT T T T T T T T T T T T T T T T	vehicles
nowice for resistance soldering electrical leads	[NASA-CASE-XLE-00820]
to solder cups of multiple terminal block	Electric current measuring apparatus design including saturable core transformer and
F W1 C 3 _ C 3 C 7 _ C C C _ 10 9 1 3 1	energy storage device to avoid magnetizing
Lead attachment for high temperature operation	current errors from transformer output winding
of electronic devices [NASA-CASE-ERC-10224]	[NASA-CASB-XGS-02439] C14 N71-19431
Device for bending leads projecting from printed	High voltage divider system for attenuating high
circuit boards	voltages to convenient levels suitable for introduction to measuring circuits
[NASA-CASE-MPS-22133-1] c15 N73-18473	[NASA-CASE-XLE-02008] C09 N71-21583
Electrically conductive wire storage in plastic	Ablation sensor for measuring char layer
Capsule that allows for unfolding [NASA-CASE-LAR-10168-1] c09 N73-22151	recession rate using electric wires
ETRCTRICAL RNGINEERING	[NASA-CASE-XLA-01794] c33 N71-21586
Counter-divider circuit for accuracy and	Current measurement by use of Hall effect
reliability in binary circuits	generator (NASA-CASB-XAC-01662] c14 N71-23037
[NASA-CASE-XMF-00421] c09 N70-34502 Vibrating element electrometer producing high	Connector internal force gage for measuring
conversion gain by input current control of	strength of electrical connection
elements resonant frequency displacement	[NASA-CASE-XNP-03918] C14 N71-23087
amplitude	Voltage range selection apparatus for sensing
[NASA-CASE-KAC-02807] CO9 N71-23021	and applying voltages to electronic instruments without loading signal source
ELECTRICAL PAULTS	[NASA-CASE-XMS-06497] c14 N71-26244
Overcurrent protecting circuit for push-pull transistor amplifiers	ELECTRICAL PROPERTIES
[NASA-CASE-MSC-12033-1] c09 x71-13531	Voltage drift compensation circuit for
circuit design for failure sensing and	analog-to-digital converter
protecting low voltage electric generator and	[NASA-CASE-XNP-04780] COS N71-19687 Development and characteristics of
power transmission networks [NASA-CASE-GSC-10114-1] c10 N71-27366	electronically resettable fuse with saturable
[NASA-CASE-GSC-10114-1] c10 N71-27366 Test method and equipment for identifying faulty	core current sensing transformer having two
cells or connections in solar cell assemblies	outside legs and center leg
[NASA=CASE=NPO=10401] 003 NJ2=20033	[NASA-CASE-XGS-11177] c09 N71-27001
Shared memory for a fault-tolerant computer	Development and characteristics of voltage regulator for connection in series with
[NASA-CASE-NPO-13139-1] CUB N74-1/911	alternating current source and load using
BLECTRICAL IMPEDANCE High voltage transistor circuit	three leg, two-window transformer
[NASA-CASE-XNP-06937] c09 N71-19516	f NASA-CASE-ERC-10113 \ CO9 N71-27053
Development of electrical system for measuring	Development of system with electrical properties
high impedance	which wary with changes in temperature for use with feedback loop in operational amplifier
[NASA-CASE-XMS-08589-1] c09 N71-20569	circuit
Signaling summary alarm circuit with semiconductor switch for faulty contact	[NASA-CASE-MSC-13276-1] c14 H71-27058
indications	Electrically coupled individually encapsulated
(NASA-CASE-XLE-03061-11 c10 N71-24798	solar cell matrix [NaSA-CASE-NPO-11190] c03 N71-34044
Electronic signal-handling circuit with constant	[NASA-CASE-NPO-11190] CO3 N71-34044 Development of performed attachable thermocouple
input impedance [wasa-case-arc-10348-11	from thermoelectrically different metals
[NASA-CASE-ARC-10348-1] c10 N72-10205 ELECTRICAL INSULATION	r wasa-case-len-11072-21 c14 k72-28443
Water cooled solenoid capable of producing	Development of stored charge device using field
magnetic field intensities up to 100 kilogauss	effect transistor technology [NASA-CASE-NPO-11156-2] c03 N73-30974
[NASA-CASE-XNP-01951] c09 N70-41929	[NASA-CASE-NPO-11156-2] CO3 N/3-309/4 Storage battery comprising negative plates of a
Method and apparatus for removing plastic	wedge shaped configuration for preventing
insulation from wire using cryogenic equipment [NASA-CASE-MFS-10340] c15 N71-17628	shape change induced malfunctions
Monconductive tube as feed system for plasma	[NASA-CASE-NPO-11806-1] c03 N74-19693
thrustor	ELECTRICAL RESISTANCE
[NASA-CASE-XLE-02902]	Development of electrical system for indicating optimum contact between electrode and metal
Internal labyrinth and shield structure to	surface to permit improved soldering operation
<pre>improve electrical isolation of propellant feed source from ion thrustor</pre>	f NASA-CASE-KSC-102421 C15 N72-23497
F NASA-CASE-LEW-10210-11 C28 N71-26781	Radio frequency source resistance measuring
Development of process for forming insulating	instruments of varied design [NASA-CASE-NPO-11291-11 c14 N73-30388
layer between two electrical conductor or	[NASA-CASE-NPO-11291-1] c14 N73-30388 BLECTRICAL RESISTIVITY
semiconductor materials [NASA-CASE-LEW-10489-1] c15 N72-25447	Describing method for vapor deposition of
[NASA-CASE-LEW-10489-1] c15 N72-25447 Isolated dc amplifier for bioelectric measurements	gallium arsenide films to manganese substrates
[NASA-CASE-ARC-10596-1] c09 N72-27233	to provide semiconductor devices with low
Procedure for making insulating foil for use in	resistance substrates rwasa-casm-xwp-01328 i c26 N71-18064
multilayer insulating system	[NASA-CASE-XNP-01328] c26 N71-18064 Simulating operation of thermopile vacuum gage
[NASA-CASE-LEW-11484-1] c15 N73-22415 Development of stored charge device using field	tube at high and low pressures
effect transistor technology	[NASA-CASE-KLA-02758] C14 N71-18481
[NASA-CASE-NPO-11156-2] c03 N73-30974	Electrically conductive fluorocarbon polymers
ELECTRICAL MEASUREMENT	[NASA-CASE-ILE-06774-2] c06 N72-25150
Capacitance measuring device for determining	RIBCTRICITY Thermionic converter for converting heat energy
flare accuracy on tapered tubes [NASA-CASE-XKS-03495] c14 N69-39785	directly into electrical energy
Bootstrap unloading circuits for sampling	[WASA-CASE-XLE-01903] C22 N71-23599
transducer voltage sources without drawing	RLECTRO-OPTICS
current	Electro-optical system with scan-in illuminator and scan-out photosensor for scanning variable
[NASA-CASE-XNP-09768] c09 N71-12516	transmittance objects
Micromicroampere current measuring circuit, with two subminiature thermionic diodes with	[NASA=CASE=NPO=11106] C14 N70=34697
filament cathodes	Riectro-ontical system for maintaining two-axis
[NASA-CASE-XNP-00384] c09 N71-13530	alignment during milling operations on large
	tank-sections

[NASA-CASE-XHF-00908] c14 N70-40238	BLECTRODES
Automatic polarimeter capable of measuring	Hollow spherical electrode for shielding
transient birefringence changes in	dielectric junction between high voltage
electro-optic materials	conductor and insulator
[NASA-CASE-XNP-08883] c23 N71-16101	[MASA-CASE-XLE-03778] c09 869-21542
Design and development of light sensing device	Electrochemically reversible silver-silver
for controlling orientation of object relative	chloride electrode for detecting bioelectric
to sun or other light source	potential differences generated by human
[NASA-CASE-NPO-11201] c14 N72-27409	puscles and organs
Electro-optical stabilization of calibrated	[NASA-CASE-XHS-02872] c05 #69-21925
light source	Bonding method for improving contact between
[NASA-CASE-HSC-12293-1] c14 N72-27411	lead telluride thermoelectric elements and
Electro-optical system for scanning variable transmittance objects	tungsten electrodes
Frank Assault 15 and 15	[NASA-CASE-IGS-04554] c15 H69-39786
	Blastomer loaded with metal particles for
Electronic optical transfer function analyzer	elastic biomedical electrodes
using:scanning inage dissection system to produce representative output signal	[NASA-CASE-ARC-10268-1] c09 N70-12620
[WASA-CASE-MFS-21672-1] c23 N73-22630	Ionization vacuum gage
BLECTBOACOUSTIC TRANSDUCERS	[NASA-CASE-INP-00646] c14 N70-35666
Transducer for monitoring oxygen flow in	Accel and focus electrode design for ion engine
respirator	uith improved efficiency [MASA-CASE-XNP-02839] c28 N70-41922
[NASA-CASE-FRC-10012] c14 H72-17329	Including didynium hydrate in nickel hydroxide
Application of acoustic transducers for	of positive electrode of storage batteries to
suspending object at center of chamber under	increase appere hour capacity
near weightless conditions	[NASA-CASE-XGS-03505] c03 B71-10608
[NASA-CASE-NPO-13263-1] c15 N73-31443	Apertured electrode focusing system for ion
BLECTROACOUSTIC HAVES	sources with nonuniform plasma density
Phonocardiogram simulator producing electrical	[BASA-CASE-INP-03332] c09 N71-10618
voltage waves to control amplitude and	Electromedical garment, applying
duration between simulated sounds	vectorcardiologic type electrodes to human
[NASA-CASE-XKS-10804] c05 H71-24606	torsos for data recording during physical
RLECTROCARDIOGRAPHY	activity
Phonocardiogram simulator producing electrical	[NASA-CASE-XFR-10856] c05 N71-11189
voltage waves to control amplitude and	Riectrode attached to helmets for detecting low
duration between simulated sounds	level signals from skin of living creatures
[NASA-CASE-XKS-10804] c05 N71-24606	[NASA-CASE-ARC-10043-1] c05 N71-11193
Insulated electrode for electrocardiographic	Characteristics of pressed disc electrode for
recording without paste electrolyte	biological neasurements
[NASA-CASE-HSC-14339-1] c05 N73-21151	[NASA-CASE-XHS-04212-1] c05 N71-12346
Development of instantaneous reading tachometer	Electrode connection for n-on-p silicon solar cell
for measuring electrocardiogram signal rate	[MASA-CASE-XLE-04787] c03 M71-20492
[NASA-CASE-HFS-20418] c14 M73-24473	Arc electrode of graphite with tantalum ball tip
ELECTROCHEGICAL CELLS	[NASA-CASE-XLE-04788] c09 M71-22987
Apparatus for measuring polymer membrane	Electrode sealing and insulation for fuel cells
expansion in electrochemical cells [NASA-CASE-XGS-03865] c14 N69-21363	containing caustic liquid electrolytes using
Preventing pressure buildup in electrochemical	powdered plastic and netal
cells by reacting palladium oxide with evolved	[NASA-CASE-IHS-01625] c15 N71-23022
hydrogen	Autonatic recording McLeod gage with three
[NASA-CASE-XGS-01419] c03 N70-41864	electrodes and solenoid valve connection [NASA-CASE-XLE-03280] c14 N71-23093
Nonmagnetic hermetically sealed battery case	[MASA-CASE-XLE-03280] c14 M71-23093 Dry electrode design with wire sandwiched
made of epoxy resin and woven glass tape for	between two flexible conductive discs for
use with electrochemical cells in spacecraft	nonitoring physiological responses
[NA5A-CASE-KGS-00886] c03 N71-11053	[WASA-CASE-PRC-10029] c09 N71-24618
Epoxy resin sealing device for electrochemical	Development and characteristics of electrodes in
cells in high vacuum environments	which poisoning by organic nolecules is
[NASA-CASE-XGS-02630] c03 N71-22974	prevented by ion selective electrolytic
Sealed electrochemical cell with flexible casing	deposition of hydrophilic protein colloid
for varying electrolyte level in cell	[NASA-CASE-XHS-04213-1] c09 N71-26002
[MASA-CASE-XGS-01513] c03 N71-23336	Adhesive Spray process for attaching biomedical
Elimination of two step voltage discharge	skin electrodes
property of silver zinc batteries by using	[NASA-CASE-XFR-07658-1] c05.R71-26293
divalent silver oxide capacity of cell to charge anodes to monovalent silver state	Electrodes having array of small surfaces for
	field ionization
[NASA-CASE-IGS-01674] c03 N71-29129 Plexible, frangible electrochemical cell and	[NASA-CASE-ERC-10013] c09 N71-26678
package for operation in low temperature	Hanufacturing process for making perspiration
enwiloument	resistant-stress resistant biopotential
[NASA-CASE-XGS-10010] c03 H72-15986	electrode
Development of test probe device for	[NASA-CASE-HSC-90153-2] c05 H72-25120 Dry electrode manufacture, using silver powder
simultaneous determination of condition of	with cement
cells in multi-cell storage battery	/
[NASA-CASE-HPS-20761-1] c03 M73-17037	[NASA-CASE-PRC-10029-2] c05 H72-25121 Compressible electrolyte saturated sponge
Porous electrode for use in electrochemical cells	electrode for biomedical applications
[NASA-CASE-GSC-11368-1] C09 N73-32108	[NASA-CASE-HSC-13648] c05 N72-27103
BLECTROCHERISTRY	Electrode with multiple columnar conductors for
Electrochemically reversible silver-silver	limiting field emission current
chloride electrode for detecting bioelectric	[NASA-CASE-ERC-10015-21 c1n 872-27286
potential differences generated by human	Coaxial, high density, hypervelocity plasma
nuscles and organs	generator and accelerator using electrodes
[NASA-CASE-XHS-02872] c05 N69-21925	[MASA=CASE=RFS=20589]
RIECTRODEPOSITION	Insulated electrode for electrocardiographic
Binding layer of semiconductor particles by	recording without paste electrolyte
electrodeposition	[BASA-CASE-HSC-14339-11
[NASA-CASE-INP-01959] c26 B71-23043	Characteristics of ion rocket engine with
Electrodeposition method for producing	combination keeper electrode and electron baffle
crystalline material from dense gaseous medium [NASA-CASE-NPO-10440] c15 N72-21466	[MASA-CASE-NPO-11880] c28 N73-24783
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Silicon carbide backward diode with coated lead	BLECTROMAGNETIC MRASUREMENT
attachment	Apparatus for measuring backscatter and transmission characteristics of sample segment
[NASA-CASE-ERC-10224-2] c09 N73-27150 Porous electrode for use in electrochemical cells	of large spherical passive satellites
F 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	[NASA-CASE-XGS-02608] COV N70-41678
Ultra-flexible biomedical electrodes and wires	RIECTROMAGERTIC BOISE Development of idler feedback system to reduce
F 10 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2	electronic noise problem in two parametric
Ultra-flexible biomedical electrode and wires (N263-CASP-ARC-10268-31 c05 %74-11901	amplifiers
[WASA-CASE-ARC-10268-3] c05 W74-11901 Bigh powered arc electrodes producing solar	[NASA-CASE-LAR-10253-1] c09 N72-25258
eimplator radiation	Audio equipment for removing impulse noise from
rwaga_caep_rpu=11162=11	andio signals [NASA-CASE-NPO-11631] c10 N73-12244
Method of making porous conductive supports for electrodes by electroforming and stacking	RIRCTROMAGNETIC PUMPS
nickel foils	Multiducted electromagnetic pump for conductive
[NASA-CASE-GSC-11367-1] c03 N74-19692	liquids rwasz-case-NPO-107551 c15 N71-27084
RINCTROHYDRAULIC FORMING	[NASA-CASE-NPO-10755] C15 N71-27084 ELECTROMAGNETIC RADIATION
Electric discharge apparatus for electrohydraulic explosive forming	Inflatable radar reflector unit - lightweight,
[NASA-CASE-XHF-00375] c15 N70-34249	highly reflective to electromagnetic
PI PCPROHTREODYNAMICS	radiation, and adaptable for erection and deployment with minimum effort and time
Control valve for switching main stream of fluid	[NASA-CASE-XMS-00893] C0 / N/0-400b3
from one stable position to another by means of electrohydrodynamic forces	nevelopment of electromagnetic wave transmission
[NASA-CASE-NPO-10416] C12 N71-27332	line circulator and application to parametric
ST PCTDOK THRTTCS	amplifier circuits [NASA-CASE-XNP-02140] c09 N71-23097
Zeta potential flowmeter for measuring very slow	Left and right hand circular electromagnetic
to very high flows [NASA-CASE-XNP-06509] c14 N71-23226	polarization excitation by phase shifter and
PI RCPDOL VSTS	hybrid networks fwash-case-gsc-10021-11 c09 N71-24595
estar alactrolysic rocket engine with Self-	Development of method for suppressing excitation
regulating stoichiometric fuel mixing regulator [NASA-CASE-IGS-08729] c28 871-14044	of electromagnetic surface waves on dielectric
Operation method for combined electrolysis	converter antenna
device and fuel cell using molten salt to	[NASA-CASE-XLA-10772] c07 N71-28980 Characteristics of microwave antenna with
produce power by thermoelectric regeneration	conical reflectors to generate plane wave front
mechanism [NASA-CASE-XLE-01645] c03 N71-20904	FNASA-CASE-NPO-116611 CO7 N73-14130
RLECTROLYTES	Focusing optical collimator for high resolution
Apparatus for measuring polymer membrane	scanning of electromagnetic radiations, neutrons, and other particles
expansion in electrochemical cells	[MASA-CASE-MFS-20932-1] c14 N73-27380
[NASA-CASE-X6S-03865] c14 N69-21363 Electrolytically regenerative hydrogen-oxygen	Method and apparatus for measuring
fuel cells	electromagnetic radiation
[NASA-CASE-XLE-04526] CO3 N71-11052	[NASA-CASE-LEW-11159-1] c14 N73-28488 BLECTROMAGNETIC SHIBLDING
Sealed electrochemical cell with flexible casing for varying electrolyte level in cell	Shielded flat conductor cable fabricated by
[NASA-CASE-XGS-01513] C03 N71-23335	electroless and electrolytic plating
Compressible electrolyte saturated sponge	[NASA-CASE-MFS-13687] c09 N71-28691 BLECTROMAGNETIC WAVE FILTERS
electrode for biomedical applications [NASA-CASR-MSC-13648] c05 N72-27103	Design and characteristics of laser camera
[NASA-CASE-MSC-13648] c05 N72-27103 RIRCTROLYTIC CELLS	eystem with diffusion filter of small
Heat activated cell with aluminum anode	particles with average diameter larger than
[NASA-CASE-LEW-11359-2] c03 W72-20034	<pre>vavelength of laser light [NASA-CASE-NPO-10417]</pre>
Actuator operated by electrolytic drive gas generator and evacuator	RIRCTROMAGNETIC WAVE TRANSMISSION
[NASA-CASE-NPO-11369] c15 N73-13467	Apparatus for measuring backscatter and
RIRCTHOMAGNETIC ABSORPTION	transmission characteristics of sample segment of large spherical passive satellites
Optical imaging system for increasing light	(NASA-CASE-XGS-02608] c07 N70-41678
absorption efficiency of imaging detector [NASA-CASE-ARC-10194-1] c23 N73-20741	ELECTROMAGNETISM
RUNCTROMAGNETIC FIELDS	Electromagnetic braking arrangement for
Tumbling motion system for object demagnetization	controlling rotor rotation in electric motor [NASA-CASE-XNP-06936] c15 N71-2469
[NASA-CASE-XGS-02437] c15 N69-21472 Device for high wacuum film deposition with	RIRCTROMAGNETS
electromagnetic ion steering	Oscillatory electromagnetic mirror drive system
[NASA-CASE-NPO-10331] C09 N71-26701	for horizon scanners (NASA-CASE-VLA-03724) c14 N69-2746
Metal detection system with electromagnetic	Water cooled solenoid capable of producing
transmitter with single coil and receiver with single coil	magnetic field intensities up to 100 kilogauss
r naša-case-arc-10265-17 c10 N72-28240	[NASA-CASE-KNP-01951] C09 N70-4192
Low power electromagnetic flowmeter system .	<pre>magnetic element position sensing device, using misaligned electromagnets</pre>
producing zero output signal for zero flow [NASA-CASE-ARC-10362-1] c14 N73-32326	[NASA-CASE-XGS-07514] c23 N71-1609
[NASA-CASE-ARC-10362-1] c14 N73-32325 Rlectromagnetic flow rate meter for liquid	plectroexplosive safe-arm initiator using
netals	electric driven electromagnetic coils and
[HASA-CASE-LEW-10981-1] c14 N74-21018	magnets to align charge (NASA-CASE-LAR-10372] c09 N71-1859
METROHAGNETIC NAMERES Method and apparatus for shaping and joining	Magnetic bearing with diverse magnetic sources
large diameter metal tubes using magnetomotive	coupled to same air cap via different low
forces	magnetic reluctance paths for use with
[MASA-CASE-EMF-05114] c15 W71-17650	permanent magnets [NASA-CASE-GSC-11079-1] c21 N71-2846
Portable magnetomotive hammer for metal working [NASA-CASE-IMF-03793] c15 N71-24833	RINCTROBECHARICAL DEVICES
ELECTROHIGERIC INTERFERENCE	Hand tool for cutting and sealing fusible fabric
Sealed housing for protecting electronic	[NASA-CASE-IMF-09386] c15 N69-2185 Electromechanical actuator and its use in rocket
equipment against electromagnetic interference	thrust control valve
[NASA-CASE-MSC-12168-1] c09 N71-18600	[WASA-CASE-XNP-05975] c15 N69-2318
	a.

c15 N69-23185

Power controlled bimetallic electromechanical	Electronic cathodes for use in electron
actuator for accurate, timely, and reliable	bombardment ion thrustors
response to remote control signal	[NASA-CASE-ILE-04501] c09 H71-23190
[NASA-CASE-XNP-09776] c09 N69-39929 Electro-mechanical circuit for converting	Production of iodine isotope by high energy bombardment of cesium heat pipe causing
floating intelligence signal to common	spallation reaction
electrically grounded intelligence recorder	[NASA-CASE-LRH-11390-2] G24 N73-20763
[NASA-CASE-XAC-00086] c09 N70-33182	Single grid accelerator system for electron
Describing device for velocity control of electromechanical drive mechanism of scanning	bombardment type ion thrustor [NASA-CASE-XLE-10453-2] c28 N73~27699
millor of interferometer	BLECTRON DEDSITY PROFILES
[NASA-CASE-XGS-03532] c14 N71-17627	Development and characteristics of test
Hechanical actuator wherein linear motion	equipment for determining temperature and
Changes to rotational motion [NASA-CASE-XGS-04548] c15 N71-24045	electron density of plasma based on derivation of absorption coefficients
Solid state force measuring electromechanical	[NASA+CASE-ARC-10598-1] c25 N73-29750
transducers made of piezoresistive materials	ELECTRON DISTRIBUTION
[NASA-CASE-ERC-10088] c26 N71-25490	Development and characteristics of test
Electromechanical control actuator system using double differential screws	equipment for determining temperature and
[NASA-CASE-ERC-10022] c15 N71-26635	electron density of plasma based on derivation of absorption coefficients
Miniature electromechanical junction transducer	[NASA-CASE-ARC-10598-1] c25 N73-29750
operating on piezojunction effect and	RLECTROE EWISSION
utilizing epoxy for stress coupling component	Vacqum thermionic converter with short-circuited
[NASA-CASE-ERC-10087] c14 N71-27334 Service life of electromechanical device for	triodes and increased electron transmission and conversion efficiency
generating Sine/cosine functions	[NASA-CASE-XLE-01015] c03 N69-39898
[NASA-CASE-LAR-10503-1] c09 N72-21248	BLECTRON FLUX DESSITY
Electromechanical actuator for producing	Device and method for particle bombardment of
<pre>mechanical force and/or motion in response to electrical signals</pre>	specimens in electron microscope and
[NASA-CASE-NPO-11738-1] CO9 N73-30185	measurement of beam intensities [NASA-CASE-XGS-01725] c14 N69-39982
Brushless electromechanical generator for sine	BLECTROE IRRADIATION
and cosine functions	Electrostatic ion engines using high velocity
[NASA-CASE-LAR-11389-1] c09 N73-32121 BLECTROMETERS	electrons to ionize propellant [NASA-CASE-XLE~00376]
Vibrating element electrometer producing high	ELECTROD HICROSCOPES
conversion gain by input current control of	Device and method for particle bombardment of
elements resonant frequency displacement	specimens in electron microscope and
amplitude [NASA-CASE-XAC-02807] c09 N71-23021	<pre>measurement of beam intensities [NASA-CASE-KGS-01725]</pre>
BLECTRONOTIVE FORCES	Electron microscope and method of making annular
Heat activated emf cells with aluminum anode	objective aperture
[NASA-CASE-LEH-11359] c03 N71-28579 ELECTRON BEAR SELDING	[NASA-CASE-ARC-10448-1] c14 N72-21421
Portable electron beam welding chamber	Electron microscope aperture system [NASA-CASE-ARC-10448-2] c14 N74-12190
[NASA-CASE-LEH-11531] c15 N71-14932	Electron microscope aperture system
Development of device to prevent high voltage	[NASA-CASE-ARC-10948-3] c14 N74-12191
arcing in electron beam welding [NASA-CASE-XMF-08522] c15 N71-19486	RIBCTRON PLASHA Apparatus for producing highly conductive, high
BLECTRON BRAUS	temperature electron plasma with homogenous
Using electron beam switching for brushless	temperature and pressure distribution
motor commutation [NASA-CASE-XGS-01451] c09 N71-10677	[NASA-CASE-XLA-00147] G25 N70-34661 BLECTRON TRANSPER
Electron beam scanning system for improved image	Rethod for treating metal surfaces to prevent
definition and reduced power requirements for	secondary electron transmission
video signal transmission	[NASA-CASE-XNP-09469] c24 B71-25555
[NASA-CASE-ERC-10552] c09 N71-12539 Electron beam deflection devices for measuring	ELECTROE TRANSITIONS Laser utilizing infrared rotation transitions of
electric fields	diatomic gas for production of different
[NASA-CASE-XHF-10289] c14 N71-23699	wavelengths.
Apparatus to determine electric field strength	[NASA-CASE-ARC-10370-1] c16 N72-10432
by measuring deflection of electron beam impinging on target	RIRCTRON TOBES
[NASA-CASE-INF-06617] c09 N71-24843	Direct radiation cooling of linear beam collector tubes
Characteristics of infrared photodetectors	[NASA-CASE-XNP-09227] c15 N69-24319
manufactured from semiconductor material	Refractory filament series circuitry for radiant
irradiated by electron beam [NASA-CASE-LAR-10728-1] c14 N73-12445	heater [NASA-CASE-XLE-00387] c33 N70-34812
Device for converting optical images into	[NASA-CASE-XLE-00387] c33 H70-34812 BLECTROD TUBBELING
electron beams	A doped Josephson tunneling junction for use in
[NASA-CASE-GSC-11602-1] c09 N73-13214	a sensitive IR detector
Electron heam Controller using magnetic field to refocus spent electron heam in	[NASA~CASE-NPO-13348-1] c14 N74-20022 BLECTRONIC CONTROL
	Electronic and mechanical scanning control
microwave oscillator tube [NASA-CASE-LEH-11617-1] c09 N74-10195	system for monopulse tracking antenna
ELECTRON BORDARDHENT	[NASA-CASE-NGS-05582] c07 N69-27460
Improved cathode containing barium carbonate block and beated tungsten screen for electron	Electronic circuit system for controlling electric motor speed
hombardment ion thrustor	[NASA-CASE-XBF-07129] c09 w70-38712
[NASA-CASE-XLE-07087] c06 H69-39889	Scanning signal phase and applitude electronic
Device and method for particle bombardment of	control device with hybrid T waveguide junction
specimens in electron microscope and measurement of beam intensities	[NASA-CASE-NPO-10302] c10 N71-26142 Ion beam deflector system for electronic thrust
[NASA-CASE-AGS-01725]	vector control for ion propulsion yau, pitch,
Electric rocket engine with electron bombardment	and roll forces
ionization chamber [NASA-CASB-XNP-04124] c28 x71-21822	[NASA-CASE-LEG-10689-1] c28 N71-26173
[UB96FB96VB1A174] C42 K1	Electronic detection system for peak
	acceleration limits in vibrational testing of

	Device for locating electrically nonlinear
spacecraft components	objects and determining distance to object by
gasa-case are information system for digital	PM signal transmission rwash-case-ksc-101081 c14 N73-25461
talemetry data using analog converter to	[NASA-CASE-KSC-10108] c14 N/3-25461 Development of electronic circuit for
digitize sensed parameter values	measurement transducer power supply to be used
[NASA-CASE-NPO-11016] COO 8/2-31220	for liquid level measurement in liquid
ELECTRONIC EQUIPMENT Electronic and mechanical scanning control	propellant rocket engines
system for monopulse tracking antenna	FNASA-CASE-MFS-21698-1] CU9 N/3-20196
ruses_CASR_YGS-055821 CU/ NO9-27400	Development of equipment and method for
Development of pulse-activated polarographic	electrifying dielectric to determine
hydrogen detector	electrostatic properties [NASA-CASE-MPS-22129-1] c09 N73-26197
Funda_ca_cacp_vyP=06541]	Electronic strain level counter on in-flight
Development of stable electronic amplifier	aircraft
adaptable for monolithic and thin film	[NASA-CASE-LAR-10756-1] C32 N73-26910
construction [NASA-CASE-XGS-02812] c09 N71-19466	Automatic vehicle location system
Development and characteristics of oscillating	[HETE CEDE HER 11000 1]
etatic inverter	RIBCTRONIC EQUIPMENT TESTS Apparatus for automatically testing analog to
ENSCI_CASE_YES=052897 CO9 N/1+134/U	digital converters for open and short circuits
Development of electromagnetic wave transmission	f wasa-case-via-06713] C14 N/1-20991
line circulator and application to parametric	Test set for signal conditioner modules
amplifier circuits [NASA-CASE-XNP-02140] CO9 N71-23097	[NASA-CASE-KSC-10750-1] C14 N/3-2352/
noreleases of optimum pre-detection diversity	RIECTRODIC FILTERS
combining receiving system adapted for use	Self-tuning electronic filter for maintaining constant bandwidth and center frequency gain
with amplitude modulation, phase modulation,	[NASA-CASE-ARC-10264-1] C09 N73-20231
and frequency modulation systems	KLECTROWIC MODULES
	Thermal conductive, electrically insulated
Electronic cathodes for use in electron bombardment ion thrustors	cleavable adhesive connection between
[NASA-CASE-XLE-04501] c09 N71-23190	electronic module and heat sink
worked and apparatus for adjusting thermal	[HASA-CASE-INS-02087]
conductance in electronic components for space	Pabrication methods for matrices of solar cell
use and store	submodules [NASA-CASE-INP-05821] c03 N71-11056
[NASA-CASE-XNP-05524] c33 N71-24876	nevelopment and characteristics of cooling
Development and characteristics of solid state	system to maintain temperature of rack mounted
acoustic variable time delay line using direct current voltage and radio frequency pulses	electronic modules
[MASA-CASE-ERC-10032] c10 N71-25900	[NASA-CASE-MSC-12389]
Voltage range selection apparatus for sensing	Development of Mylar enclosure for maintaining
and applying voltages to electronic	temperature of balloon-borne batteries and
instruments without loading signal source	electronic modules [WASA-CASE-GSC-11620-1] c14 W72-33379
F WASA-CASE-XMS-06497] C14 N/1-20244	Development of mechanical linkage for lifting
Digital sensor for counting fringes produced by	nia-sunnorted electronic packages from
interferometers with improved sensitivity and one photomultiplier tube to eliminate	electronic circuit boards without damage to
alignment problem	connector pins
[NASA-CASE-LAR-10204] C14 N71-2/215	[NASA-CASE-NPO-13157-1] c15 N73-26475
Device for rapid adjustment and maintenance of	RIBOTRONIC PACKAGING Rectrical feedthrough connection for printed
temperature in electronic components	circuit hoards
[MASA-CASE-YMP-G2792] c14 W71-28958 Apparatus with summing network for compression	CWASI-CASE-YMF-014837 C14 N69-2/437
of analog data by decreasing slope threshold	Capacitor fabrication by solidifying mixture of
sappling	ferromagnetic metal particles,
CNASA-CASE-NPO-10769 1 COS N72-11171	nonferromagnetic particles, and dielectric
Readily assembled universal environment housing	material [NASA-CASE-LEW-10364-1] c09 N71-13522
for electronic equipment fwash-case-ksc-100311 c15 N72-22486	method of evaluating moisture barrier properties
	of materials used in electronics encapsulation
Lead attachment for high temperature operation	rwasa-case-npo-10051] c18 n/1-24934
of electronic devices	
f Na Sa-C ASE-BRC-10224] C09 N72-25261	Electrical connections for thin film hybird
Development of method and apparatus for	microcircuits
Development of method and apparatus for	microcircuits fwasa-case-xws-021821 c10 N71-28783
Development of method and apparatus for detecting surface ions on silicon diodes and transistors	microcircuits { NASA-CASE-XM5-02182] c10 N71-28783 Plevible, francible electrochemical cell and
Development of method and apparatus for detecting surface ions on silicon diodes and transistors fNSS-CASE-BRC-103251 c15 N72-25457	microcircuits {NASA-CASE-XMS-02182} Plexible, frangible electrochemical cell and package for operation in low temperature environment
Development of method and apparatus for detecting surface ions on silicon diodes and transistors [MASA-CASE-ERC-10325] c15 M72-25457 Development of differential phase shift keyed	microcircuits { NASA-CASE-XMS-02182] c10 N71-28783 Plexible, frangible electrochemical cell and package for operation in low temperature environment [NASA-CASE-XGS-10010] c03 N72-15986
Development of method and apparatus for detecting surface ions on silicon diodes and transistors [MASA-CASE-ERC-10325] c15 M72-25457 Development of differential phase shift keyed signal receiver to resolve differential phase	microcircuits { NASA-CASE-XMS-02182] c10 N71-28783 Plexible, frangible electrochemical cell and package for operation in low temperature environment { NASA-CASE-XGS-10010 } c03 N72-15986 Development and characteristics of hermetically
pevelopment of method and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-ERC-10325] c15 N72-25457 Development of differential phase shift keyed signal receiver to resolve differential phase shift in incoming signal	microcircuits [NASA-CASE-XMS-02182] Plexible, frangible electrochemical cell and package for operation in low temperature environment [NASA-CASE-XGS-10010] Development and characteristics of hermetically sealed coaxial package for containing
Development of method and apparatus for detecting surface ions on silicon diodes and transistors [MASA-CASE-ERC-10325] c15 M72-25457 Development of differential phase shift keyed signal receiver to resolve differential phase shift in incoming signal [MASA-CASE-MSC-14066-1] c10 M73-10269 Development and characteristics of data decoder	microcircuits [NASA-CASE-XMS-02182] Plexible, frangible electrochemical cell and package for operation in low temperature environment [NASA-CASE-XGS-10010] pewelopment and characteristics of hermetically sealed coaxial package for containing microwave semiconductor components
Development of method and apparatus for detecting surface ions on silicon diodes and transistors [MASA-CASE-ERC-10325] c15 M72-25457 Development of differential phase shift keyed signal receiver to resolve differential phase shift in incoming signal [MASA-CASE-MSC-14066-1] c10 N73-10269 Development and characteristics of data decoder to process convolution encoded information	microcircuits [NASA-CASE-XMS-02182] c10 N71-28783 Plexible, frangible electrochemical cell and package for operation in low temperature environment [NASA-CASE-XGS-10010] c03 N72-15986 Development and characteristics of hermetically sealed coaxial package for containing microwave semiconductor components INASA-CASE-GSC-10791-11 c15 N73-14469
Development of method and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-ERC-10325] c15 N72-25457 Development of differential phase shift keyed signal receiver to resolve differential phase shift in incoming signal [NASA-CASE-MSC-14066-1] c10 N73-10269 Development and characteristics of data decoder to process convolution encoded information [NASA-CASE-NPO-11371] c08 N73-12177	microcircuits [NASA-CASE-XMS-02182] Plexible, frangible electrochemical cell and package for operation in low temperature environment [NASA-CASE-XGS-10010] Development and characteristics of hermetically sealed coaxial package for containing microwave semiconductor components [NASA-CASE-GSC-10791-1] Techniques for packaging and mounting printed
Development of method and apparatus for detecting surface ions on silicon diodes and transistors [MASA-CASE-ERC-10325] c15 M72-25457 Development of differential phase shift keyed signal receiver to resolve differential phase shift in incoming signal [MASA-CASE-MSC-14066-1] c10 M73-10269 Development and characteristics of data decoder to process convolution encoded information [MASA-CASE-MPO-11371] c18 M73-12177 Characteristics of digital data processor using	microcircuits [NASA-CASE-XMS-02182] Plexible, frangible electrochemical cell and package for operation in low temperature environment [NASA-CASE-XGS-10010] Development and characteristics of hermetically sealed coaxial package for containing microwave semiconductor components [NASA-CASE-GSC-10791-1] Techniques for packaging and mounting printed circuit boards [NASA-CASE-MPS-21919-1] C10 N73-25243
Development of method and apparatus for detecting surface ions on silicon diodes and transistors [MASA-CASE-ERC-10325] c15 M72-25457 Development of differential phase shift keyed signal receiver to resolve differential phase shift in incoming signal [MASA-CASE-MSC-14066-1] c10 N73-10269 Development and characteristics of data decoder to process convolution encoded information [MASA-CASE-NPO-11371] c08 M73-12177 Characteristics of digital data processor using pulse from clock source to derive binary	microcircuits [NASA-CASE-XMS-02182] Plexible, frangible electrochemical cell and package for operation in low temperature environment [NASA-CASE-XGS-10010] cold N72-15986 Development and characteristics of hermetically sealed coaxial package for containing microwave semiconductor components [NASA-CASE-GSC-10791-1] Techniques for packaging and mounting printed circuit boards [NASA-CASE-MFS-21919-1] Integrated circuit package with lead structure
Development of method and apparatus for detecting surface ions on silicon diodes and transistors [MASA-CASE-ERC-10325] c15 M72-25457 Development of differential phase shift keyed signal receiver to resolve differential phase shift in incoming signal [MASA-CASE-MSC-14066-1] c10 N73-10269 Development and characteristics of data decoder to process convolution encoded information [MASA-CASE-NPO-11371] c08 M73-12177 Characteristics of digital data processor using pulse from clock source to derive binary singles to show state of various indicators in	microcircuits [NASA-CASE-IMS-02182] Plexible, frangible electrochemical cell and package for operation in low temperature environment [NASA-CASE-IGS-10010] Development and characteristics of hermetically sealed coaxial package for containing microwave semiconductor components [NASA-CASE-GSC-10791-1] Techniques for packaging and mounting printed circuit boards [NASA-CASE-MFS-21919-1] Integrated circuit package with lead structure and method of preparing the same
Development of method and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-ERC-10325] c15 N72-25457 Development of differential phase shift keyed signal receiver to resolve differential phase shift in incoming signal [NASA-CASE-MSC-14066-1] c10 N73-10269 Development and characteristics of data decoder to process convolution encoded information [NASA-CASE-NPO-11371] c08 N73-12177 Characteristics of digital data processor using pulse from clock source to derive binary singles to show state of various indicators in processor	microcircuits [NASA-CASE-MS-02182] Plexible, frangible electrochemical cell and package for operation in low temperature environment [NASA-CASE-MSS-10010] Development and characteristics of hermetically sealed coaxial package for containing microwave semiconductor components [NASA-CASE-GSC-10791-1] Techniques for packaging and mounting printed circuit boards [NASA-CASE-MFS-21919-1] Integrated Circuit package with lead structure and method of preparing the same [NASA-CASE-MFS-21374-1] C10 N74-12951
Development of method and apparatus for detecting surface ions on silicon diodes and transistors [MASA-CASE-ERC-10325] c15 M72-25457 Development of differential phase shift keyed signal receiver to resolve differential phase shift in incoming signal [MASA-CASE-MSC-14066-1] c10 N73-10269 Development and characteristics of data decoder to process convolution encoded information [MASA-CASE-NPO-11371] c08 M73-12177 Characteristics of digital data processor using pulse from clock source to derive binary singles to show state of various indicators in processor [MASA-CASE-GSC-10975-1] c08 M73-13187 Development and characteristics for	microcircuits [NASA-CASE-IMS-02182] Plexible, frangible electrochemical cell and package for operation in low temperature environment [NASA-CASE-IGS-10010] C03 N72-15986 Development and characteristics of hermetically sealed coaxial package for containing microwave semiconductor components [NASA-CASE-GSC-10791-1] C15 N73-14469 Techniques for packaging and mounting printed circuit boards [NASA-CASE-MFS-21919-1] Integrated circuit package with lead structure and method of preparing the same [NASA-CASE-MFS-21374-1] ELECTRONIC RECORDING SISTEMS
Development of method and apparatus for detecting surface ions on silicon diodes and transistors [MASA-CASE-ERC-10325] Development of differential phase shift keyed signal receiver to resolve differential phase shift in incoming signal [MASA-CASE-MSC-14066-1] Development and characteristics of data decoder to process convolution encoded information [MASA-CASE-MPO-11371] COB M73-12177 Characteristics of digital data processor using pulse from clock source to derive binary singles to show state of various indicators in processor [MASA-CASE-GSC-10975-1] COB M73-13187 Development and characteristics for automatically displaying digits in any desired	microcircuits [NASA-CASE-IMS-02182] Plexible, frangible electrochemical cell and package for operation in low temperature environment [NASA-CASE-IGS-10010] Development and characteristics of hermetically sealed coaxial package for containing microwave semiconductor components [NASA-CASE-IGSC-10791-1] Techniques for packaging and mounting printed circuit boards [NASA-CASE-IFS-21919-1] Integrated circuit package with lead structure and method of preparing the same [NASA-CASE-IFS-21374-1] ELECTRONIC RECORDING SYSTEMS Flectronic recording system for spatial mass
Development of method and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-ERC-10325] c15 N72-25457 Development of differential phase shift keyed signal receiver to resolve differential phase shift in incoming signal [NASA-CASE-MSC-14066-1] c10 N73-10269 Development and characteristics of data decoder to process convolution encoded information [NASA-CASE-NPO-11371] c08 N73-12177 Characteristics of digital data processor using pulse from clock source to derive binary singles to show state of various indicators in processor [NASA-CASE-GSC-10975-1] c08 N73-13187 Development and characteristics for automatically displaying digits in any desired order using optical techniques	microcircuits [NASA-CASE-MS-02182] Plexible, frangible electrochemical cell and package for operation in low temperature environment [NASA-CASE-MGS-10010] pevelopment and characteristics of hermetically sealed coaxial package for containing microwave semiconductor components [NASA-CASE-GSC-10791-1] Techniques for packaging and mounting printed circuit boards [NASA-CASE-MFS-21919-1] Integrated circuit package with lead structure and method of preparing the same [NASA-CASE-MFS-21374-1] ELECTRONIC RECORDING SYSTEMS Electronic recording system for spatial mass aistribution of liquid rocket propellant
Development of method and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-ERC-10325] c15 N72-25457 Development of differential phase shift keyed signal receiver to resolve differential phase shift in incoming signal [NASA-CASE-NSC-14066-1] c10 N73-10269 Development and characteristics of data decoder to process convolution encoded information [NASA-CASE-NPO-11371] c08 N73-12177 Characteristics of digital data processor using pulse from clock source to derive binary singles to show state of various indicators in processor [NASA-CASE-GSC-10975-1] c08 N73-13187 Development and characteristics for automatically displaying digits in any desired order using optical techniques [NASA-CASE-NKS-00348] c09 N73-14215	MISTACASE-IMS-02182] Plexible, frangible electrochemical cell and package for operation in low temperature environment [NASA-CASE-IGS-10010] CO3 N72-15986 Development and characteristics of hermetically sealed coaxial package for containing microwave semiconductor components [NASA-CASE-MGSC-10791-1] Techniques for packaging and mounting printed circuit boards [NASA-CASE-MFS-21919-1] Integrated circuit package with lead structure and method of preparing the same [NASA-CASE-MFS-21374-1] ELECTROWIC RECORDING SYSTEMS Electronic recording system for spatial mass distribution of liquid rocket propellant droplets or wapors ejected from high velocity noveless.
Development of method and apparatus for detecting surface ions on silicon diodes and transistors [MASA-CASE-ERC-10325] c15 M72-25457 Development of differential phase shift keyed signal receiver to resolve differential phase shift in incoming signal [MASA-CASE-MSC-14066-1] c10 M73-10269 Development and characteristics of data decoder to process convolution encoded information [MASA-CASE-MPO-11371] c08 M73-12177 Characteristics of digital data processor using pulse from clock source to derive binary singles to show state of various indicators in processor [MASA-CASE-GSC-10975-1] c08 M73-13187 Development and characteristics for automatically displaying digits in any desired order using optical techniques [MASA-CASE-MSC-00348] c09 M73-14215 Thermochromic compositions for detecting heat	microcircuits [NASA-CASE-XMS-02182] Plexible, frangible electrochemical cell and package for operation in low temperature environment [NASA-CASE-XGS-10010] Development and characteristics of hermetically sealed coaxial package for containing microwave semiconductor components [NASA-CASE-GSC-10791-1] Techniques for packaging and mounting printed circuit boards [NASA-CASE-MFS-21919-1] Integrated Circuit package with lead structure and method of preparing the same [NASA-CASE-MFS-21374-1] ELECTRONIC RECORDING SYSTEMS Electronic recording system for spatial mass distribution of liquid rocket propellant droplets or vapors ejected from high velocity nozzles
Development of method and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-ERC-10325] c15 N72-25457 Development of differential phase shift keyed signal receiver to resolve differential phase shift in incoming signal [NASA-CASE-MSC-14066-1] c10 N73-10269 Development and characteristics of data decoder to process convolution encoded information [NASA-CASE-NPO-11371] c08 N73-12177 Characteristics of digital data processor using pulse from clock source to derive binary singles to show state of various indicators in processor [NASA-CASE-GSC-10975-1] c08 N73-13187 Development and characteristics for automatically displaying digits in any desired order using optical techniques [NASA-CASE-XKS-00348] c09 N73-14215 Thermochromic compositions for detecting heat levels in electronic circuits and devices	microcircuits [NASA-CASE-NMS-02182] Plexible, frangible electrochemical cell and package for operation in low temperature environment [NASA-CASE-NGS-10010] Development and characteristics of hermetically sealed coaxial package for containing microwave semiconductor components [NASA-CASE-MGS-10791-1] Techniques for packaging and mounting printed circuit boards [NASA-CASE-MFS-21919-1] Integrated circuit package with lead structure and method of preparing the same [NASA-CASE-MFS-21374-1] ELECTROMIC RECORDING SYSTEMS Blectronic recording system for spatial mass distribution of liquid rocket propellant droplets or wapors ejected from high velocity nozzles [NASA-CASE-NPO-10185] ELECTROMIC TRANSDUCERS
Development of method and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-BRC-10325] Development of differential phase shift keyed signal receiver to resolve differential phase shift in incoming signal [NASA-CASE-MSC-14066-1] Development and characteristics of data decoder to process convolution encoded information [NASA-CASE-NPO-11371] Characteristics of digital data processor using pulse from clock source to derive binary singles to show state of various indicators in processor [NASA-CASE-GSC-10975-1] Development and characteristics for automatically displaying digits in any desired order using optical techniques [NASA-CASE-IKS-00348] COS N73-14215 Thermochromic compositions for detecting heat levels in electronic circuits and devices [NASA-CASE-NPO-10764-1] C15 N72-25457 Development and characteristics for automatically displaying digits in any desired order using optical techniques [NASA-CASE-IKS-00348] COS N73-14215 Thermochromic compositions for detecting heat levels in electronic circuits and devices	MISTACASE-IMS-02182] [NASA-CASE-IMS-02182] Plexible, frangible electrochemical cell and package for operation in low temperature environment [NASA-CASE-IGS-10010] Development and characteristics of hermetically sealed coaxial package for containing microwave semiconductor components [NASA-CASE-GSC-10791-1] Techniques for packaging and mounting printed circuit boards [NASA-CASE-MFS-21919-1] Integrated circuit package with lead structure and method of preparing the same [NASA-CASE-MFS-21374-1] ELECTRONIC RECORDING SYSTEMS Electronic recording system for spatial mass distribution of liquid rocket propellant droplets or vapors ejected from high velocity nozzles [NASA-CASE-NPO-10185] ELECTRONIC TRANSOUCERS ELECTRONIC TRANSOUCERS
Development of method and apparatus for detecting surface ions on silicon diodes and transistors [MASA-CASE-BRC-10325]	MISTACASE-IMS-02182] [NASA-CASE-IMS-02182] Plexible, frangible electrochemical cell and package for operation in low temperature environment [NASA-CASE-IGS-10010] [NASA-CASE-IGS-1
Development of method and apparatus for detecting surface ions on silicon diodes and transistors [MASA-CASE-ERC-10325] c15 M72-25457 Development of differential phase shift keyed signal receiver to resolve differential phase shift in incoming signal [MASA-CASE-MSC-14066-1] c10 M73-10269 Development and characteristics of data decoder to process convolution encoded information [MASA-CASE-MPO-11371] c08 M73-12177 Characteristics of digital data processor using pulse from clock source to derive binary singles to show state of various indicators in processor [MASA-CASE-GSC-10975-1] c08 M73-13187 Development and characteristics for automatically displaying digits in any desired order using optical techniques [MASA-CASE-KKS-00348] c09 M73-14215 Thermochromic compositions for detecting heat levels in electronic circuits and devices [MASA-CASE-MPO-10764-1] c14 M73-14428 Development of phase control coupling for use	MICTOCITCUITS [NASA-CASE-IMS-02182] Plexible, frangible electrochemical cell and package for operation in low temperature environment [NASA-CASE-IGS-10010] Development and characteristics of hermetically sealed coaxial package for containing microwave semiconductor components [NASA-CASE-IGS-10791-1] Techniques for packaging and mounting printed circuit boards [NASA-CASE-IFS-21919-1] Integrated circuit package with lead structure and method of preparing the same [NASA-CASE-IFS-21374-1] ELECTRONIC RECORDING SYSTEMS Electronic recording system for spatial mass distribution of liquid rocket propellant droplets or vapors ejected from high velocity nozzles [NASA-CASE-NPO-10185] ELECTRONIC TRANSDUCERS Fiber optic transducers for monitoring and analysis of vibration in aerospace vehicles and onboard equipment
Development of method and apparatus for detecting surface ions on silicon diodes and transistors [MASA-CASE-ERC-10325] c15 N72-25457 Development of differential phase shift keyed signal receiver to resolve differential phase shift in incoming signal [NASA-CASE-NSC-14066-1] c10 N73-10269 Development and characteristics of data decoder to process convolution encoded information [NASA-CASE-NPO-11371] c08 N73-12177 Characteristics of digital data processor using pulse from clock source to derive binary singles to show state of various indicators in processor [NASA-CASE-GSC-10975-1] c08 N73-13187 Development and characteristics for automatically displaying digits in any desired order using optical techniques [NASA-CASE-IKS-00348] c09 N73-14215 Thermochromic compositions for detecting heat levels in electronic circuits and devices [NASA-CASE-NPO-10764-1] c14 N73-14428 Development of phase control coupling for use with phased array antenna	MISTACASE-IMS-02182] Plexible, frangible electrochemical cell and package for operation in low temperature environment [NASA-CASE-IGS-10010] CO3 N72-15986 Development and characteristics of hermetically sealed coaxial package for containing microwave semiconductor components [NASA-CASE-MSGS-10791-1] C15 N73-14469 Techniques for packaging and mounting printed circuit boards [NASA-CASE-MFS-21919-1] Integrated circuit package with lead structure and method of preparing the same [NASA-CASE-MFS-21374-1] ELECTRONIC RECORDING SYSTEMS Electronic recording system for spatial mass distribution of liquid rocket propellant droplets or vapors ejected from high velocity nozzles [NASA-CASE-NPO-10185] ELECTRONIC TRANSOUCERS Fiber optic transducers for monitoring and analysis of vibration in aerospace vehicles

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Transducer circuit design with sin	gle coarial	Blectrostatic entrained material measurement	<u> </u>
cable for input and output conne	ctions	system comprising vacuum source and to	
including incorporation into min	iaturized	[NASA-CASE-MPS-22128-2] C14 N74-	
Catheter transducer		BLECTROTHERNAL ENGINES	
[NASA-CASE-ARC-10132-1]	c09 N71-24597	Blectrothermal rocket engine using resistance	e
Circuit design for failure sensing	and	heated heat exchanger	
protecting low voltage electric	generator and	[NASA-CASE-XLE-00267] c28 N70-	33356
Power transmission networks		High resistance cross flow heat exchangers f	
[NASA-CASE-GSC~10114~1]	c10 N71-27366	electrothernal rocket engines	
Diode-quad bridge circuit means		[NASA-CASE-NLE-01783] c28 N70-	34175
[NASA-CASE-ARC-10364-2 (B)]	c09 N74-14941	BLEVATION	5-1
RLECTROPHORESIS		Tracking mount for laser telescope employed	in
Zero gravity, constant flow electr	ochoretic		
separating apparatus	ophorecio	tracking large rockets and space vehicles	
[NASA-CASE-MFS-21394-1]	c12 N72-27310	give information regarding azimuth and ele	
Controlled distribution of electro	Theresis	[NASA-CASE-MPS-14017] c14 N71-	20027
Samples in flow path through can	Photecic	Automatic braking device for rapidly	
Samples in flow path through con		transferring humans or materials from elev	ated
[NASA-CASE-NFS-21395-1] RIBCTROPHOTOHRTERS	c14 N72-27425	location	
ALECTROPHOTOHETERS		[NASA-CASE-XKS-07814] c15 N71-	27067
Method and photodetector device fo	r locating	ELEVATORS (LIPTS)	
abnormal voids in low density ma	terials	Centrifuge mounted motion simulator with	,
[NASA-CASE-MPS-20044]	c14 N71-28993	elevator mechanism	
BLECTROPHYSIOLOGY	•	[NASA-CASE-XAC-00399] c11 N70-	34815
Dry electrode design with wire san	dwiched	Guide member for stabilizing cable of open s	
between two flexible conductive	discs for	elevator	
monitoring physiological respons		[NASA-CASE-KSC-10513] c15 N72-	25453
[NASA-CASE-FRC-10029]	c09 N71-24618	ELEVOES CADE ASSOCIATION CONTRACTOR CONTRACT	23423
RLECTROPLATIEG	0.00		
Method of plating copper on alumin	um to normit	Supersonic or hypersonic vehicle control sys	
conventional soldering of struct		comprising elevons with hinge line sweep a	
bodies	arar aramitam	free of adverse aerodynamic cross coupling	
	45 NE4 AEGAA	[NASA-CASE-XLA-08967] c02 N71-	27088
[NASA-CASE-XLA-08966-1]	c17 N71-25903	ELLIPSES	
Shielded flat conductor cable fabr		Ellipsograph for describing and cutting elli	pses
electroless and electrolytic pla	ting	with minimal axial dimensions	
	· c09 N71-28691	[NASA-CASE-NLA-03102] c14 N71-	21079
Technique and equipment for sputter	ring using	BLONGATION	
apertured electrode and pulsed s	ubstrate bias	Strain gage measurement of elongation due to	
	c17 N73-24569	thermally and mechanically induced stresse	
ELECTROSTATIC CHARGE		[NASA-CASE-XGS-04478] c14 N71-	
Charged particle analyzer with per-	iodically	BHERGENCIES	24233
warying woltage applied across e		Silent alarm system for nutiple room facilit	w
deflection members		school	1 OF
[NASA-CASE-XAC-05506-1]	c24 N71~16095		20205
Development of equipment and method		[NASA-CASE-NPO-11307-1] C10 K73-	30205
electrifying dielectric to deter		BUBRGENCY BREATHING TECHNIQUES	
electrostatic properties	TT16	Pulmonary resuscitation method and apparatus	
[NASA-CASE-MFS-22129-1]	-00 VIII 26407	with adjustable pressure regulator	
	c09 N73-26197	[NASA-CASE-XMS-01115] c05 N70-	39922
ELECTROSTATIC BUGINES		Burngency life Sustaining Systems	
Colloidal particle generator for ex		Development and characteristics of inflatabl	e
engine for propelling space webic		structure to provide escape from orbit for	
[NASA-CASE-XLE-00817]	c28 N70-33265	spacecress under emergency conditions	
Encapsulated heater forming hollow	body for	[NASA-CASE-XHS-06162] C31 H71-	28851
cathode used in ion thruster		Three transceiver lunar emergency system to	
[NASA-CASE-LEH-10614-1]	c28 N70~35422	relay voice communication of astronaut	
Electrostatic ion engines using his	gh velocity	[NASA-CASE-MFS-21042] CO7 N72-	25171
electrons to ionize propellant	•	Shoulder harness and lap belt restraint syst	~»
[NASA-CASE-XLE-00376]	c28 N70-37245	[NASA-CASE-ARC-10519-2] c05 N74-	
Electron bombardment ion rocket end		BHISSION SPECTRA	10000
improved propellant introduction			
	C28 N71-15661	Emission spectroscopy method for contaminati	on
BLECTROSTATIC GENERATORS	010 871 13001	Bonitoring of inert gas metal arc welding	. .
Electrostatic modulator for communi	iestine	[NASA-CASE-XHF-02039] c15 N71-	15871
through plasma sheath formed arou		BUITTANCE	
during reentry	ing spacectare	High thermal emittance black surface coating	s
	~07 ×70-41234	and process for applying to metal and meta	<u>l</u>
[NASA-CASE-XLA-01400]	c07 N70-41331	alloy surfaces used in radiative cooling of	ľ
ELECTROSTATIC PRECIPITATORS		spacecraft	
Fine particulate capture device		[NASA-CASE-XLA-06199] c15 N71-	24875
[NASA-CASE-LEH-11583-1]	C15 N74-13199	BRITTERS	
ELECTROSTATIC PROBES	,	Inverted geometry transistor for use with	
Low impedance apparatus for measuri		monolithic integrated circuit	
electrostatic field intensity nea	ar space ·	[NASA-CASE-ARC-10330-1] c09 N73-	32112
vehicles		BBULSIONS	
[NASA-CASE-XLE-00820]			
	c14 N71-16014	Apparatus for obtaining isotropic irradiation	ח חח
BLECTROSTATIC PROPULSION	c14 N71-16014	Apparatus for obtaining isotropic irradiation film emulsion from parallel radiation sour	ao a
Nuclear electric generator for acce		1112 emulsion from parallel radiation sour	ce
Nuclear electric generator for acce	elerating	111m emulsion from parallel radiation source [NASA-CASE-KFS-20095] c24 N72-	ce
Nuclear electric generator for acce charged propellant particles in e	elerating	file emulsion from parallel radiation sour- [NASA-CASE-MFS-20095] c24 #72- BECAPSULATING	ce
Nuclear electric generator for acce charged propellant particles in e propulsion system	elerating electrostatic	file emulsion from parallel radiation source [NASA-CASE-MFS-20095] c24 N72- ENCAPSOLATING Controlled caging and uncaging mechanism for	ce
Nuclear electric generator for acce charged propellant particles in e propulsion system [NASA-CASE-XLE-00816]	elerating electrostatic c22 N70-34248	file emulsion from parallel radiation source [NASA-CASE-MFS-20095] c24 N72-BECAPSULATING Controlled caging and uncaging mechanism for remote instrument control	ce 11595
Nuclear electric generator for acce charged propellant particles in e propulsion system [NASA-CASE-XLE-00818] High voltage insulators for direct	elerating electrostatic c22 N70-34248 current in	### ##################################	ce 11595
Nuclear electric generator for acce- charged propellant particles in e propulsion system [NASA-CASE-XLE-00818] High voltage insulators for direct acceleration system of electrosta	elerating electrostatic c22 N70-34248 current in atic thrustor	file emulsion from parallel radiation source [NASA-CASE-MFS-20095] c24 M72-BNCAPSULATING Controlled caging and uncaging mechanism for remote instrument control [NASA-CASE-GSC-11063-1] c03 M70-Development of bacteriostatic conformal coat.	ce 11595
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ERROR ANALYSIS SUBJECT INDEX

Tilting table for testing human body in variety	Nickel plating onto etched aluminum castings
of positions while exercising on ergometer or	[NASA-CASE-XNP-04148] c17 N71-24830
other biomedical devices	Scanning mozzle plating system for etching or
[NASA-CASE-MFS-21010-1] c05 N73-30078	plating metals on substrates without masking
Pneumatic foot pedal operated fluidic exercising	[NASA-CASE-NPO-11758-1] c15 N72-28507
device	ETHERS
[NASA-CASE-MSC-11561-1]	Method for producing alternating ether-siloxane
Ergometer calibrator for any ergometer utilizing rotating shaft	copolymers with stable properties when exposed
[NASA-CASE-MFS-21045-1] c14 N74-11288	to elevated temperatures and UV radiation [NASA-CASE-IMF-02584] c06 N71-20905
BRROR ANALYSIS	Chemical synthesis of hydroxy terminated
Development of computer program for estimating	perfluoro ethers as intermediates for highly
reliability of self-repair and fault-tolerant	fluorinated polyurethane resins
systems with respect to selected system and	[NASA-CASE-NPO-10768] c06 N71-27254
mission parameters	Formation of polyurethane resins from hydroxy
[NASA-CASE-NPO-13086-1] c15 N73-12495	terminated perfluoro ethers
BRROR CORRECTING DEVICES	[NASA-CASE-NPO-10768-2] c06 N72-27144
Error correction circuitry for binary signal channels	ETHYLERE OXIDE Using ethylene oxide in preparation of
[NASA-CASE-XNP-03263] c09 N71-18843	sterilized solid rocket propellants and
Multiplexed communication system design	encapsulating materials
including automatic correction of transmission	[NASA-CASE-XNP-01749] c27 N70-41897
errors introduced by frequency spectrum shifts	Ethylene oxide sterilization and encapsulating
[NASA-CASE-XNP-01306] c07 N71-20814	process for sterile preservation of
Description of error correcting methods for use	instruments and solid propellants
with digital data computers and apparatus for	[NASA-CASE-XNP-09763] c14 N71-20461
encoding and decoding digital data [NASA-CASE-XNP-02748] c08 N71-22749	BUTECTIC ALLOYS
Guide accessories for correctly aligning paper	High temperature bonding of sapphire to sapphire by eutectic \$1203 and ZrO2 mixture to form
in typewriter to correct typographical errors	sapphire rubidium maser cell
[NASA-CASE-MFS-15218-1] c15 N73-31438	[NASA-CASE-GSC-11577-1] c15 N73-19467
BERGE DETECTION CODES	EVACUATING (VACUUM)
Self testing and repairing computer comprising	Filling honeycomb matrix with deaerated paste
control and diagnostic unit and rollback	filler
points for error correction	[NASA-CASE-XMS-01108] c15 N69-24322
[NASA-CASE-NPO-10567] c08 N71-24633 ERBOR SIGNALS	Sealing evacuation port and evacuating vacuum
Error correction circuitry for binary signal	container such as space jackets [NASA-CASE-XMF-03290] c15 N71-23256
channels	[NASA-CASE-XMF-03290] c15 N71-23256 Gas leak detection in evacuated systems using
[NASA-CASE-XNP-03263] c09 N71-18843	ultraviolet radiation probe
Feedback controller for sampling error signals	[NASA-CASE-ERC-10034] c15 N71-24896
within single control formulation time interval	Vacuum displacement compression molding of
[NASA-CASE-GSC-10554-1] c08 N71-29033	tubular bodies from thermosetting plastics
RRECRS	[NASA-CASE-LAR-10782-2] c15 N73-31444
Analog to digital converter using offset voltage to eliminate errors	EVAPORATION
[NASA-CASE-MSC-13110-1] c08 N72-22163	Byaporating crucible of tantalum-tungsten foil, nickel alumina bonding agent, and ceramic
ESCAPE CAPSULES	coating
Aerial capsule emergency separation device using	[NASA-CASE-XLA-03105] c15 N69-27483
jettisonable towers	BYAPORATORS
[NASA-CASE-XLA-00115] c03 N70-33343	Spatter proof evaporant source design for use in
Bmergency escape cabin system for launch towers	vacuum deposition of solid thin films on
[NASA-CASE-XKS-02342] c05 N71-11199 Spacecraft design with single point aerodynamic	substrates
and hydrodynamic stability for energency	[NASA-CASE-XMF-06065] c15 N71-20395
transport of men from space station to	Means of wapor deposition using electric current and ewaporator filament
splashdown	[NASA-CASE-LAR-10541-1] c15 N72-32487
[NASA-CASE-MSC-13281] c31 N72-18859	EXERCISE (PHYSIOLOGY)
ESCAPE SYSTEMS	Development of restraint system for securing
Design and specifications of emergency escape	personnel to ergometer while exercising under
system for spacecraft structures [NASA-CASE-MSC-12086-1]	Veightless conditions
[NASA-CASE-MSC-12086-1] c05 N71-12345 Automatic braking device for rapidly	[NASA+CASE-MFS-21046-1] c14 N73-27377
transferring humans or materials from elevated	Tilting table for testing human body in variety of positions while exercising on ergometer or
location	other biomedical devices
[NASA-CASE-XKS-07814] c15 N71-27067	[NASA-CASE-MFS-21010-1] c05 N73-30078
RSTERS	Manual actuator for spacecraft exercising
Fluorinated esters of polycarboxylic acid and	nachines
lubricating compositions for use at extreme temperature	[NASA-CASB-MPS-21481-1] c15 N74-18127
[NASA-CASE-MFS-21040-1] c06 N73-30098	EXHAUST GASES
BTCHING COO W/J SOO/O	Device for adding water to high velocity exhaust jets to reduce velocity, noise, and temperature
Reusable masking boot for chemical machining	[NASA-CASE-XMF-01813] c28 N70-41582
operations	Reduction of jet engine noise due to turbulent
[NASA-CASE-INP-02092] c15 N70-42033	mixing of exhaust gases with ambient atmosphere
Development of method for etching copper	[NASA-CASE-ARC-10712-1] G28 N73-20826
[NASA-CASE-XGS-06306] c17 N71-16044	Gas turbine exhaust nozzle for noise reduction
Composition and process for improving definition of resin masks used in chemical etching	[NASA-CASE-LEW-11569-1] c28 N74-15453
LNASA-CASE-XGS-049931 c14 N71-17574	EIRAUST NOZZLES High thrust appulat liquid propollant socket
Etching aluminum alloys with aqueous solution	High thrust annular liquid propellant rocket engine and exhaust nozzle design
containing sulfuric acid, hydrofluoric acid.	[NASA-CASE-XLE-00078] c28 N70-33284
and an alkall metal dischromate for adhesive	Exhaust nozzle with afterburning for generating
Donding	thrust
[NASA-CASE-IMP-02303] c17 N71-23828	[NASA-CASE-XLA-00154] c28 N70-33374
Selective plating of etched circuits without removing previous plating	Penshaped, supersonic exhaust nozzle design
	[NASA-CASE-XLB-00057] c28 N70-38711
[MADR-CASE-AGS-03120] c15 N71-24047	Automatic ejection valve for attitude control and midcourse guidance of space vehicles

[NASA-CASE-XNP-00676] c15 N70-38996	EMPLOSIVES
Jet aircraft exhaust nozzle for noise reduction	Development of technique and apparatus for
[NASA-CASE-LAR-10951-1] c28 N73-19819	optically detonating insensitive high explosive
Shrouded divergent body attached to exhaust	[NASA-CASE-NPO-11743-1] c33 N73-29959
nozzle for jet noise suppression [NASA-CASE-LEH-11286-1] c02 N73-21066	Production of intermetallic compounds by effect of shock waves from explosions and compaction
EXPANDABLE STRUCTURES	of powder
Expanding and contracting connector strip for	[NASA-CASE-HPS-20861-1] c18 N73-32437
solar cell array of Nimbus satellite	REPORENTIAL PUNCTIONS
[NASA-CASE-XGS-01395] c03 N69-21539	Digital quasi-exponential function generator
Hethod of compactly packaging centrifugally	[NASA-CASE-NPO-11130] COS N72-20176
expandable lightweight flexible reflector	BIPOSUPE
satellite	Hechanical emposure interlock device for
[NASA-CASE-XLA-00138] c31 N70-37981 Foldable conduit capable of springing back as	preventing film overexposure in oscilloscope camera
self erecting structural member	[NASA-CASE-LAR-10319-1] c14 N73-32322
[NASA-CASE-XLE-00620] c32 N70-41579	EXPULSION BLADDERS
Collapsible high gain antenna which can be	Empulsion bladder equipped storage tank structure
automatically expanded to operating state	[NASA-CASE-INP-00612] c11 N70-38182
[NASA-CASE-KSC-10392] c07 N73-26117	Rubber composition for expulsion bladders and
Expandable space frames with high expansion to	diaphragms for use with hydrazine
collapse ratio	[NASA-CASE-NPO-11433] c18 N71-31140
[NASA-CASE-ERC-10365-1] c31 N73-32749 EXPANSION	EXTENSIONS Support for flexible conductor cable between
Apparatus for measuring polymer membrane	drawers or racks holding electronic equipment
expansion in electrochemical cells	and cabinet assembly housing drawers or racks
[NASA-CASE-XGS-03865] c14 N69-21363	[NASA-CASE-XHP-07587] c15 N7-1-18701
Elastomeric extensometer for measuring surface	Bxten somethes
area changes of human body caused by body	Transducer frame for use with extensometer to
expansion and contraction	continuously monitor specimen sample
[NASA-CASE-HFS-21049-1] c14 N73-11405	[NASA-CASE-XLA-10322] C15 N72-17452
EXPERIMENTAL DESIGN Efficient operation of improved hydrofoil design	Plastomeric extensoreter for measuring surface area changes of human body caused by body
[NASA-CASE-XLA-00229] c12 N70-33305	expansion and contraction
Sealed electric storage battery with gas	[NASA-CASE-HPS-21049-1] c14 N73-11405
manifold interconnecting each cell	BETRACTION
[NASA-CASE-XNP-03378] c03 N71-11051	Liquid-gas separator adapted for use in zero
Electrode attached to helmets for detecting low	gravity environment - drawings
level signals from skin of living creatures	[NASA-CASE-NHS-01624] c15 N70-40062
[NASA-CASE-ARC-10043-1] c05 N71-11193	EXTRAVEHICOLAR ACTIVITY
Conditioning suit for normal function of astronaut cardiovascular system in gravity	Portable environmental control and life support system for astronaut in and out of spacecraft
environment	[NASA-CASE-XHS-09632-1] c05 N71-11203
[NASA-CASE-XLA-02898] c05 N71-20268	Hand-held maneuvering unit for propulsion and
Space suit using nonflexible material with low	attitude control of astronauts in zero or
leakage and providing protection against	reduced grawity environment
thermal extremes, physical punctures, and	[NASA-CASE-XHS-05304] c05 N71-12336
radiation with high mobility articulation	Internal and external serpentine devices for
[NASA-CASE-XAC-07043] c05 N71-23161 EXPLOSIONS	performing physical operations around orbital space stations
Device for detection of combustion light	[NASA-CASE-XHP-05344] c31 N71-16345
preceding gaseous explosions	Releasable, pin-type fastener, easily operated
[NASA-CASE-LAR-10739-1] c14 N73-16484	during EVA
EXPLOSIVE DEVICES	[NASA-CASE-ARC-10140-1] c15 N71-17653
Stage separation using remote control release of	Design and development of flexible tunnel for
joint with explosive insert [NASA-CASE-XLA-02854]	use by spacecreus in performing extravehicular activities
[NASA-CASE-XLA-02854] c15 N69-27490 Hernetically sealed explosive release mechanism	[NASA-CASE-HSC-12243-1] C05 N71-24728
for actuator device	Open loop life support subsystem using breathing
[NASA-CASE-IGS-00824] c15 N71-16078	bag as reservoir for EVA
Development of non-magnetic indexing device for	[NASA-CASE-HSC-12411-1] CO5 N72-20096
orienting magnetic flux sensing instrument in	Intra- and extravehicular life support space
magnetic field without generation of	suite for Apollo astronauts
detrinental magnetic fields [NASA-CASE-IGS-02422] c15 N71-21529	[NASA-CASE-MSC-12609-1] c05 N73-32012 EXTREMELY LOW RADIO PREQUENCIES
[NASA-CASE-IGS-02422] c15 N71-21529 Development of apparatus for detonating	FHF/UHF parasitic probe antenna for spacecraft
explosive devices in order to determine forces	communication
generated and detonation propagation rate	[NASA-CASE-IKS-09340] CO7 N71-24614
(NASA-CASE-LAR-10800-1] c33 N72-27959	EXTRUDIES
Development and characteristics of squib	Extrusion can for extruding ceramics under heat
actuated explosive disconnect for spacecraft	and pressure
release from launch vehicle rwasa-case-npo-113301 c33 N73-26958	[NASA-CASE-NPO-10812] c15 N73-13464
[NASA-CASE-NPO-11330] c33 N73-26958 EXPLOSIVE FORBING	EYE (ANATOHY) Sight switch using infrared source and sensor
Electric discharge apparatus for	mounted beside eye
electrohydraulic explosive forming	[NASA-CASE-IMF-03934] c09 N71-22985
[NASA-CASE-XMF-00375] c15 N70-34249	Ultrasonic device for ophthalmic eye surgery
REPLOSIVE BELDING	with safe removal of macerated material
Explosive welding of thin metal scarf joint	[NASA-CASE-LBG-11669-1] c05 N73-27062
[NASA-CASE-LAR-11211-1] C15 N73-14480	Surgical liquification pump for removing
Method for eliminating noise and debris of	Dacerated tissue from eye
explosive relding techniques by using complete enclosure	[NASA-CASE-LEU-12051-1] c04 N73-32000 BUE EXAMIDATIONS
[NASA-CASE-LAR-10941-2] c15 N73-32371	Optical vision testing unit for testing eyes and
Totally confined explosive welding apparatus	visual system of human subject
to reduce noise level and protect personnel	[NASA-CASE-HSC-13601-1] c05 H72-1108
during explosive bonding	Automated visual sensitivity tester for
[NASA-CASE-LAR-10941-1] c15 N74-21057	determining visual field sensitivity and blind
·	spot size

[NASA-CASE-ARC-10329-1]	c05 N73-26072	radiant intensity from far ultraviolet and
visual examination apparatus		ionized high temperature gases [NASA-CASE-XNP-09802] c33 N71-15641
[NASA-CASE-ARC-10329-2]	c05 N74-19761	FASTENERS
wide angle evepiece with long eye-re	elief distance	Porce measuring instrument for structural members, particularly fastening bolts or studs
[NASA-CASE-XES-06056-1]	c23 N71-24857	[BASA-CASE-XMP-00456] C14 M70-34705
F		Lightweight life preserver without fastening
•		devices [NASA-CASE-XMS-00864] c05 N70-36493
ABRICATION Fabrication of pressure-telemetry t	ransducers	Nut and bolt fastener permitting all-directional
r nasa-case-xnp-09752 1	c14 N69-21541	movement of skin sections with respect to supporting structure
Fabrication method for lightweight regeneratively cooled combustion	chamber of	rwasa-case-xla-01807 c15 N71-10799
channel construction		Releasable, pin-type fastener, easily operated during EVA
[NASA-CASE-XLE-00150] Fabrication methods for matrices of	c28 N70-41818 solar cell	[NASA-CASE-ARC-10140-1] c15 H71-17653
submodules		Ultrasonic wrench for applying wibratory energy to mechanical fasteners
[NASA-CASE-INP-05821] Capacitor fabrication by solidifyin	c03 N71-11056 g mixture of	[NASA-CASE-MFS-20586] C15 N71-17686
ferromagnetic metal particles,		pesign and development of electric connectors for rigid and semirigid coaxial cables
nonferromagnetic particles, and d	1electric	[NASA-CASE-XNP-04732] c09 N71-20851
cmasa-case-lew-10364-17	c09 N71-13522	pesign, development, and characteristics of
Method and apparatus for fabricatin	g solar cell	latching mechanism for operation in limited access areas
panels [NASA-CASE-XNP-03413]	c03 N71-26726	f NASA-CASE-XNS-03745] c15 N71-21076
Pabrication of root cord restrained sections from sheets of fabric	fabric suit	pesign and development of module joint clamping device for application to solar array
r na sa-case-msc-12398 1	c05 N72-20098	construction
Method of fabricating equal length	insulated wire c15 N72-20444	[NASA-CASE-XNP-02341] c15 M71-21531 Threadless fastener apparatus comprising
[NASA-CASE-FRC-10038] Development of thin film temperatur		receiving apertures for plurality of articles,
TaO	c26 N72-28761	self-locked condition, and capable of using nonmalleable materials in both ends
[NASA-CASE-NPO-11775] FABRICS		r na sa - cas E - x PR - 05302 1 c 15 N7 1 - 23254
Hand tool for cutting and sealing f	usible fabrics	Development of resilient fastener for attaching skin of aerospace vehicles to permit movement
[NASA-CASE-XMF-09386] Pabrication of root cord restrained	c15 N69-21854 fabric suit	of skin relative to framework
sections from sheets of fabric		[NASA-CASE-XLA-01027] c31 N71-24035 Preumatic mechanism for releasing book and loop
[NASA-CASE-MSC-12398] FABRY-PEROT INTERPEROMETERS	c05 N72-20098	fasteners between large rigid structures
Pahry-Perot interferometer retroding	ective	[NASA-CASE-YMS-10660-1] c15 N71-25975 PATIGUE (HATERIALS)
reflector modulator for optical c	c16 N69-27491	Servocontrol system for measuring local stresses
FACSIMILE COMMUNICATION	3 4 - 1 - 3	at geometric discontinuity in stressed material [NASA-CASE-XLA-08530] c32 N71-25360
Restoration and improvement of demo facsimile video signals	odulated	PATIGUE LIFE
[NASA-CASE-GSC-10185-1]	c07 N72-12081	Fatigue resistant shear pin with hollow shaft
Integration of spectrometer capabil imagery function of facsimile can	lity with leras for ase	and two plugs [NASA-CASE-KLA-09122] c15 %69-2750
on planetary landers		Improving load capacity and fatigue life of rolling element systems in rockets and missile:
[NASA-CASE-LAR-11207-1] FACTORIAL DESIGN	c14 N73-28496	[NASA-CASE-XLE-02999] c15 N71-1605
Space suit with pressure-volume com	pensator system	Method for reducing mass of ball bearings for long life operation at high speed
[NASA-CASE-XLA-05332] Equipotential space suits utilizing	c05 N71-11194 mechanical	[wasa-case-lew-10856-1] c15 N72-2249
aids to minimize astronaut energy	y at bending	Fatigue life of hybrid antifriction bearings at ultrahigh speeds
joints [NASA-CASE-LAR-10007-1]	c05 N71-11195	[NASA-CASE-LEW-11152-1] c15 N73-3235
FAIL-SAFE SYSTEMS		FATIGUE TESTING MACHINES Cryostat for use with horizontal fatigue testing
Fail-safe multiple transformer circ configuration	cuit	machines at low temperatures
[NA SA+CASE+ NPO-11078]	c09 N72-25262	[NASA-CASE-XMF-10968] c14 M71-2423 Patique testing apparatus with light shield and
Fail safe latching mechanism for sp docking	pacecrait	infrared reflector for high temperature
[WASA-CASE-MSC-12549-1]	c15 N73-11443	evaluation of loaded sheet samples [NASA-CASE-XLA-01782] c14 N71-2613
FAILURE MODES Method for reducing mass of ball be	earings for	PATIGUE TESTS
long life operation at high speed	ā.	Patigue testing device applying random discrete
[MASA-CASE-LEW-10856-1] Inverter ratio failure detector	c15 N72-22490	load levels to test specimen and applicable to aircraft structures
[NASA-CASE-NPO-13160-1]	c14 N74-18090	[NASA-CASE-XLA-02131] c32 N70-4200
FAIRINGS System for deploying and ejecting 1	releasable	FATS Cross linked polymer system for oil or fat
clamshell fairing sections from		absorption properties
sounding rockets [NASA-CASE-GSC-10590-1]	c31 N73-14853	[NASA-CASE-NPO-11609-1] c06 N72-2211
PALLING SPHERES		recal waste disposal container
Device for determining acceleration by interferometric measurement of		[NASA-CASE-INS-06761] CO5 R69-2319 FRED SYSTEMS
falling body		Monconductive tube as feed system for plasma
[NASA-CASE-IMP-05844]	c14 N71-17587	thrustor [NASA-CASE-XLE-02902]
PAR IMPRARED RADIATION Collimator for analyzing spatial 1:	ocation of	Method and apparatus for pressurizing propellant
near and distant sources of radi	ation	tanks used in propulsion motor feed system
[NASA-CASE-MYS-20546-2] PAR ULTRAVIOLET RADIATION	c14 N73-30389	[NASA-CASE-XMP-00650] C27 N71-2892 Pressurized tank for feeding liquid waste into
Transient heat transfer gage for m	easuring total	processing equipment

n,	
[NASA-CASE-LAR-10365-1] c05 N72-27102	PERDBACE PREQUENCY HODULATION
Pressurized inert are food for lighting excton	Method and apparatus for communicating through
[NASA-CASE-KSC-10644] cog N72-27227	ionized layer of gases surrounding spacecraft
Dual frequency feed systems for Cassegrainian antennas	during reentry into planetary atmospheres [NASA-CASE-XLA-01127] c07 N70-41372
[NASA-CASE-NPO-13091-1] c09 N73-12214	Characteristics of data-aided carrier tracking
Improved injector with porous plug for bubbles	loop used for tracking carrier in angle
of gas into feed lines of electrically .	modulated communications system
conductive liquid [NASA-CASE-NPO-11377] c15 N73-27406	[NASA-CASE-NPO-11282] c10 N73-16205 FREDERS
PERDRACK	Automatic real-time pair-feeding system for
BC networks with voltage amplifier, RC input	animals
circuit, and positive feedback	[NASA-CASE-ARC-10302-1] c04 N74-15778
[MASA-CASE-ARC-10020] c10 N72-17172 Multistage feedback shift register with states	PERRITES Hagnetic recording head composed of ferrite core
decomposable into cycles of equal length	coated with thin film of aluminum-iron-silicon
[NASA-CASE-NPO-11082] c08 N72-22167	alloy
Inverter oscillator with voltage feedback	[NASA-CASE-GSC-10097-1] c08.N71-27210
[NASA-CASE-NPO-10760] CO9 N72-25254 FBEDBACK: AMPLIPIERS	Ferrite memory arrays from pre-formed metal
Development of system with electrical properties	conductors [NASA-CASE-LAR-10994-1] c18 N73-30536
which vary with changes in temperature for use	PERMOHAGNETISH
with feedback loop in operational amplifier	High temperature ferromagnetic cobalt-base alloy
circuit [NASA-CASE-MSC-13276-1] c14 N71-27058	for electrical power generating equipment
[NASA-CASE-MSC-13276-1] c14 M71-27058 Phase locked demodulator with bandwidth	[NASA-CASE-XLE-03629] c17 H71-23248 PIBER OPTICS
switching amplifier circuit	Fiber optic transducers for monitoring and
[NASA-CASE-INP-01107] c10 N71-28859	analysis of vibration in aerospace vehicles
Homostable multivibrator for producing output pulse widths with positive feedback NOR gates	and onboard equipment [NASA-CASE-XHF-02433] c14 N71-10616
[NASA-CASE-MSC-13492-1] c10 N71-28860	FIBERS
Circuit with differential amplifier for	Process for fiberizing ceramic materials with
synthesizing capacitance multiplier with	high fusion temperatures and tensile strength
microminiaturized feedback components [NASA-CASE-NPO-11948-1] c10 N73-15255	[NASA-CASE-XNP-00597] c18 H71-23088
Design of integrated circuit with two amplifiers	Fiber separating and cleaning method and apparatus [NASA-CASE-LAR-11224-1] c15 N74-20072
and feedback stabilization for single channel	PIELD EPPECT TRAUSISTORS
gyrator	Frequency to analog converters with unipolar
[NASA-CASE-HFS-22343-1] c09 N73-18224 FERDEACK CIRCUITS	field effect transistor for determining
Low power drain transistor feedback circuit	potential charge by pulse duration of input signal
[NASA-CASE-XGS-04999] c09 N69-24317	[WASA-CASE-XNP-07040] C08 N71-12500
Linear three-tap feedback shift register	Voltage controlled, variable frequency
[NASA-CASE-NPO-10351] c08 N71-12503 Prequency control network for current feedback	relaxation oscillator with MOSFET variable current feed
oscillators converting dc voltage to ac or	[NASA-CASE-GSC-10022-1] c10 N71-25882
higher dc voltages	Circuitry for high input impedance video
[NASA-CASE-GSC-10041-1] c10 N71-19418 Feedback integrating circuit with grounded	processor with high noise immunity [NASA-CASE-NPO-10199] c09 N72-17156
capacitor for signal processing	Development and characteristics of data
[NASA-CASE-XAC-10607] G10 N71-23669	multiplexer circuit using field effect
Development of idler feedback system to reduce	transistors arranged in tree switching
electronic noise problem in two parametric amplifiers	configuration [NASA-CASE-NPO-11333] c08 N72-22162
[NASA-CASE-LAR-10253-1] c09 H72-25258	Single integrated circuit chip with field effect
Linear shift register with feedback logic for	transistor
generating pseudonoise linear recurring binary	[NASA-CASE-GSC-10835-1] c09 N72-33205
sequences [NASA-CASE-NPO-11406] c08 N73-12175	Development of stored charge device using field effect transistor technology
FREDBACK CONTROL	[NASA-CASE-NPO-11156-2] c03 N73-30974
Describing continuous analog to digital	Radiation hardening of MOS devices by boron
converter with parallel digital output and nonlinear feedback	for stabilizing gate threshold potential of
[NASA-CASE-XAC-04031] c08 N71-18594	field effect device [NASA-CASE-GSC-11425-1] c24 N74-20329
Pulsed magnetic core memory element with	FIELD REISSION
blocking oscillator feedback for interrogation	Electrode with multiple columnar conductors for
without loss of digital information [NASA-CASE-XGS-03303] c08 N71-18595	limiting field emission current [MASA-CASE-ERC-10015-2] c10 N72-27246
Binary to decimal decoder logic circuit design	FILAMENT HIDDING
with feedback control and display device	Tool attachment for spreading or moving away
[NASA-CASE-XKS-06167]	loose elements from terminal posts during
Feedback control for direct current motor to achieve constant speed under varying loads	vinding of filamentary elements [NASA-CASE-XHF-02107] c15 h71-10809
[NASA-CASE-MFS-14610] CO9 N71-28886	Fabrication of filament sound propellant tank
Feedback controller for sampling error signals	for cryogenic storage
within single control formulation time interval	[NASA-CASE-XLE-03803-2] c15 N71-17651
[NASA-CASE-GSC-10554-1] c08 N71-29033 Closed loop servosystem for variable speed tape	Twisted wire or tube superconductor for filament windings
recorders onboard spacecraft	[NASA-CASE-LEE-11015] G26 N73-32571
[NASA-CASE-NPO-10700] c07 N71-33613	PILAHEUTS
Development of aerodynamic control system to	Refractory filament series circuitry for radiant
control flutter over large range of oscillatory frequencies using stability	heater [NASA-CASE-NLE-00367] c33 N70-34812
augmentation techniques	Controlled diffusion reaction process for
f MASA~CASE-LAR-10682-1]	masking substrate of twisted multifilament
Regulated dc-to-dc converter for voltage step-up or step-down with input-output isolation	superconductive ribbon
OF Step-down bith input-output isolation [NASA-CASE-HQN-10792-1]	[NASA-CASE-LEH-11726-1] c26 N73-26752 PILLERS
	Filling honeycomb matrix with deaerated paste
I~6	
	No.

		DIATE STAGE	
filler [HASA-CASE-XMS-01108]	c15 N69-24322	PIXED WINGS Design of supersonic alreraft with swept wing planform	h novel fixed,
FILM COOLING Bultislot film cooled pyrolytic	graphite rocket	[WASA-CASE-XLA-04451]	c02 N71-12243
nozz1e [NASA-CASE-XNP-04389]	c28 N71-20942	Flame or plasma spraying for moly	bdenum coating
PILMS Apparatus for obtaining isotropi	c irradiation on	of carbon or graphite surfaces oxidative corrosion	to breasur
film emulsion from parallel ra	diation source	[NASA-CASE-XLA-00302]	c15 N71-16077
[HASA-CASE-HFS-20095]	c24 N72-11595	Modification of polyurethanes wit	
FILTERS Development of filter system for	control of	resins, inorganic salts, and en volatile and reactive halogen f	or fuel fire
outgas contamination in vacuum	conditions	control	
using absorbent beds of molecu	lar sieve	[NASA-CASE-ARC-10098-1]	c06 N71-24739
zeolite, silica gel, and charc	oal c15 #71-26185	Method of making pressure tight s	ear ror super
[NASA-CASE-MFS-14711] Heated tungsten filter for remov		[NASA-CASE-LAR-10170-1]	c15 N74-1130
impurities from cesium	,,,,	FLAMES	
[NASA-CASE-INP-04262-2]	c17 N71-26773	Anodizing method for providing me with temperature reducing coati	
Centrifugal separator using lyop [WASA-CASE-LAR-10194-1]	c12 N72-11293	flames	нуз ауатызс
PINS		[NASA-CASE-XLE-00035]	c33 N71-2915
Thrust and attitude control appa	ratus using jet	FLANMABILITY	ting materials
pozzle in movable canard surfa	ce or fin	Flammability test chamber for tes in certain predetermined enviro	
configuration [NASA-CASE-XLE-03583]	c31 N71-17629	[NASA-CASE-RSC-10126]	c11 N71-2498
Deployable flexible ventral fins	providing	Development of apparatus for test	
triangular planform of flexibl	e material for	rate and flammability of materi [NASA-CASE-XMS-09690]	ais c33 N72-2591.
spin recovery of aircraft [NASA-CASE-LAR-10753-1]	c02 N73-10031	PLANGES	033 872 2331.
PIRE PREVENTION		Cassegrain antenna subreflector f	
Hydrogen fire blink detector for	high altitude	suppressing ground noise and in	
rocket or ground installation [NASA-CASE-MPS-15063]	c14 N72-25412	antenna transmitting efficiency {NASA-CASE-XNP-00683}	c09 N70-3542
Piber modified polyurethane foam		Light baffle with oblate hemisphe	
protection		and shading flange	-40 N74-456A
[NASA-CASE-ARC-10714-1] Method and apparatus for checkin	c18 N74-11366	[NASA-CASE-NPO-10337] PLAPS (CONTROL SURFACES)	c14 N71-1560
[NASA-CASE-GSC-11600-1]	c14 N74-21019	Opper surface, external flow, jet	-augmented flap
FIREPROOFING		configuration for high wing jet	
Fireproof potassium silicate coa	ting	noise reduction [NASA-CASE-XLA-00087]	c02 N70-3333
composition, insoluble in water application	I alter	Assembly for opening flight capsu	
[NASA-CASE-GSC-10072]	¢18 N71-14014	and decelerating flaps with ref	
Lightweight fire resistant plast	ic foam for	capsule recovery [NASA-CASE-XMF-00641]	c31 N70-3641
thermal protection of reentry aircraft structures	Venicles and	Direct lift control system having	
[NASA-CASE-ARC-10180-1]	c28 N72-20767	slots adjacent to their leading	g edge and
Intumescent paint containing nit	rile rubber for	particularly adapted for lightw	eight aircraft c02 N71-2611
fire protection [NASA-CASE-ARC-10196-1]	c18 N73-13562	[NASA-CASE-LAR-10249-1] Characteristics of system for pro	
Para-benzoquinone dioxime and co	ncentrated	control of vehicles at high sup	ersonic and
mineral acid processed to yiel		hypersonic speeds by deflecting	flaps mounted
fire resistant, heat insulatin	c18 N73-26572	on upper wing surface [NASA-CASE-LAR-11140-1]	c02 N73-2000
Process for developing flame ret		Adjustable airfoil for reversable	cowl flap
elastomeric composition textil	es for use in	inlet thrust augmentation	c28 N73-3262
space suits [NASA-CASE-MSC-14331-1]	c18 N73-27501	[NASA-CASE-ARC-10754-1] FLARED BODIRS	C40 N73-3202
Flexible fire retardant polyisoc		Development and characteristics of	f strainer for
neoprene foam for thermal		flared tube fitting	c15 N72-1138
[NASA-CASE-ARC-10180-1] FIRES	c06 N74-12814	[NASA-CASE-YLA-05056] FLAT CONDUCTORS	C15 M/2-1130
Device for generating and contro	lling combustion	Method of making molded electric	connector for
products for testing of fire d		use with flat conductor cables	_4E N74_4C00
[NASA-CASE-GSC-11095-1] Device for detecting hydrogen fi	c14 N72-10375	[NASA-CASE-XMF-03498] Shielded flat conductor cable fak	c15 N71-1598 pricated by
altitude rockets	res onward nigh	electroless and electrolytic pl	lating
[WASA-CASE-MFS-13130]	c10 N72-17173	[NASA-CASE-MF5-13687]	c09 N71-2869
FIBING (IGNITING)	t aliminating	Shielded flat conductor cable of wires laminates in thin flexibl	
Contamination free separation nu combustion products from ambie		[NASA-CASE-MFS-13687-2]	c09 N72-2219
generated by squib firing	-	Separable flat cable connector wi	th isolated
[NASA-CASE-XGS-01971]	c15 N71-15922	electrical contacts	c09 N72-2822
PISSIONABLE MATERIALS Nuclear gaseous reactor for heat	ing working	[HASA-CASE-MPS-20757] PLAT PLATES	CO3 N72-2022
fluid to high temperatures		Reduced gravity liquid configurat	
[NASA-CASE-XLE-00321]	c22 N70-34572	to study propellant behavior in	ı rocket fuel
PITTINGS Design and development of quick	release connector	tanks [NASA-CASE-KLE-02624]	c12 N69-3998
[NASA-CASE-XLA-01141]	c15 N71-13789	Exponential horn, copper plate, o	agnetic hammer,
Development and characteristics	of strainer for	and anvil in apparatus for maki	ing diamonds
flared tube fitting [NASA-CASE-XLA-05056]	c15 N72-11389	[NASA-CASE-MPS-20698] PLEXIBILITY	c15 N72-2044
Development of manually operated	l tool for facing	Weatherproof helix antenna	
exposed end to insert installe	ed in honeycomb	[NASA-CASE-IKS-08485]	c07 N71-1949
panel [NASA-CASE-MFS-21485-1]	c15 N72-31490	Plerible bellows joint shielding propellant transfer pipelines	steene tor
four-w amon pro-yrado-il	G13 812-3143V	(NASA-CASE-XNP-01855)	c15 ¥71-2893
		-	

c15 N71-28937

FLEXIBLE BODIES		Solid state controller three axe	es controller
Flexible backup bar for welding	g aukwardly shaped	[NASA-CASE-MSC-12394-1]	c03 N74-10942
structures [NASA-CASE-XHF-00722]	c15 N70-40204	PLIGHT CREUS	
Characteristics of hermetically	v sealed electric	Survival couch for aircraft or : { NASA-CASE-XLA-00118 }	spacecraft crews c05 N70-3328
Switch with flexible operation	ng capability	FLIGHT RECORDERS	000 470 5540-
[NASA-CASE-XNP-09808]	c09 N71-12518	Event recorder with constant spe	ed motor which
Flexible composite membrane str to extremely reactive chemica	cucture impervious	rotates recording disk	-44 W71-21004
propellants	•	[NASA-CASE-ILA-01832] PLIGHT SAFETY	c14 N71-21006
[NASA-CASE-XNP-08837]	c18 N71-16210	Aerial capsule emergency separat	ion device using
Development and characteristics supporting space wehicle	s of self	jettisonable towers	
[NASA-CASE-XLA-00117]	c31 N71-17680	[NASA-CASE-XLA-00115] Development and characteristics	of electronic
Design and development of flexi	ible tunnel for	signalling system and data pro	
use by spacecreus in performi activities	ing extravehicular	equipment for warning systems	to avoid midair
[NASA-CASE-MSC-12243-1]	c05 N71-24728 ·	collisions between aircraft [NASA-CASE-LAR-10717-1]	-94 W72 3ACH4
Vibration control of flexible b	odies in steady	FLIGHT SIGULATION	c21 N73-30641
accelerating environment	_	Lunar landing flight research ve	ehicle '
[NASA-CASE-LAR-10106-1] Flexible barrier membrane compr	c15 N71-27169	[NASA-CASE-XPR-00929]	c31 N70-34966
substrate and incorporating 1	iguid gallinm or	Television simulation for aircra flight	it and space
indium metal used as sealant	barriers for	[NASA-CASE-XFR-03107]	CO9 N71-19449
spacecraft walls and pumping		Electrical circuit selection dev	
[NASA-CASE-INP-08881] Development of device for simul	c17 N71-28747	simulating stage separation of [NASA-CASE-XKS-04631]	
thermal loading of flerible m	aterials by	FLIGHT SINULATORS	c10 N71-23663
application of mechanical str	esses and	Kinesthetic control simulator vi	th multiple
deformations [NASA-CASE-LAR-10270-1]	c32 N72-25877	degree of freedom of movement	similar to lunar
Development and characteristics	of supporting	flying vehicles [NASA-CASE-LAR-10276-1]	c11 N70-26813
frame to isolate payloads fro	m	Centrifuge mounted motion simula	
multi-gravitational forces	-45 M22 00505	elevator mechanism	
[NASA-CASE-MFS-21680-1] LEXIBLE SINGS	c15 N73-20525	[NASA-CASE-XAC-00399] Table structure and rotating mag	c11 N70~34815
Aeroflexible wing structure wit	h air scoop for	simulating gravitational force	met system s on spacecraft
inflating stiffeners with ram	lair .	and displaying trajectories be	tween Barth,
[NASA-CASE-XLA-06095] Deployment system for flexible	c01 N69-39981	Venus, and Mercury	
superstructure	aing with rigid	[NASA-CASE-XNP-00708] Wind tunnel test section for sim	
[NASA-CASE-XLA-01220]	c02 N70-41863	Reynolds number over transonic	
Development and characteristics system for flexible wings	of control	[NASA-CASE-MFS-20509]	c11 N72-17183
[NASA-CASE-XLA-06958]	c02 N71-11038	Device for applying simulated g- aircraft simulator pilot	forces to arm of
LEXIDG		[NASA-CASE-LAR-10550-1]	c11 N72-27271
Two degree inverted flexure fro	m single block of	Development of flight simulator	system to show
<pre>paterial [NASA-CASE-ARC-10345-1]</pre>	c15 N73-12488	position of joystick displacem	
LIGHT	0.3 2.3 (2400	[NASA-CASE-NPO-11497] FLIGHT TESTS	c08 №73-25206
Flow meter for measuring stagma		Device for measuring drag forces	in flight tests
boundary layer around high sp [NASA-CASE-XFR-02007]	eed flight vehicle c12 N71-24692	[NASA-CASE-XLA-00113]	c14 N70-33386
LIGHT ALTITUDE	C12 B71-24032	PLIGHT VEHICLES Construction of leading edges of	surfaces for
Surface based altitude measurin	g system for	aerial vehicles performing fro	
accurately measuring altitude yehicle	of airborne	above transonic speeds	
[NASA-CASE-ERC-10412-1]	c09 N73-12211	[NASA-CASE-XLA-01486] Electro-optical attitude sensing	c01 N71-23497
Terminal guidance system fo	r quiding	landing approach of flight weh	icle
aircraft into preselected alt.	itude and/or	[NASA-CASE-XNS-01994-1]	c14 N72-17326
heading at terminal point [NASA-CASE-FRC-10049-1]	c21 N74-13420	Design and development of active	control system
LIGHT CONTROL	02. 11. 15420	for air cushion vehicle to red effects of excessive vertical	nce or eliminate
Aircraft indicator for pilot co		acceleration	
roll, climbout path and verticing poor visibility conditions		[NASA-CASE-LAE-10531-1]	c02 N73-13023
[NASA-CASE-NIA-00487]	c14 N70-40157	PLIP-FLOPS Bistable multivibrator circuits	operating at
Two axis flight controller with	potentiometer	high speed and low power dissi	pation
control shafts directly couple ball members	ed to rotatable	[NASA-CASE-XGS-00823]	C10 N71-15910
[NASA-CASE-XFR-04104]	c03 N70-42073	Stepping motor control apparatus windings in proper time sequen	exciting
Development of aircraft control	system with high	notor to rotate in either dire	ction
performance electrically cont		[NASA-CASE-GSC-10366-1]	c10 N71-18772
mechanically operated hydraul: precise flight operation	ic valves for	Interrogator and current driver	circuit for
[NASA-CASE-XAC-00048]	c02 N71-29128	combination with transistor fl. [NASA-CASE-KGS-03058]	c10 N71-19547
Characteristics of system for p		PLOATING	C10 H7 [17547
control of vehicles at high so hypersonic speeds by deflection		Floating baffle for tank drain	
on upper sing surface	na trahe monnten	[NASA-CASE-KSC-10639] Modification of one man life raf	c15 N73-26472
[NASA-CASE-LAR-11140-1]	c02 N73-20008	[NASA-CASE-LAR-10241-1]	c05 N74-14845
Development of flight simulator	system to shou	FLOATS	
position of joystick displacer [NASA-CASE-NPO-11497]	ment c08 N73-25206	Magnetically centered liquid colu	
Development and characteristics		[NASA-CASE-XAC-00030] FLOTATION	c14 N70-34820
integrated control of engine	boaer grg	Development and characteristics	of rescue litter
aerodynamic configuration of a landing approach	aircraft during	with inflatable flotation device	e for water
[NASA-CASE-ARC-10456-1]	c02 N73-30938	rescue application [NASA-CASE-XMS-04170]	c05 N71-22748
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FLOW DIRECTION INDICATORS	Positive displacement flowmeter for measuring
Electric circuit for reversing direction of	extremely low flows of fluid with self
current flow	calibrating features [NASA-CASE-XMF-02822]
$f_{NACA-CACE-YNP=00952}$ C10 N71-232/1	
Flow angle sensor and remote readout system for	Zeta potential flowmeter for measuring very slow
use with cryogenic fluids	to very high flows CNASA-CASE-XNP-065091 C14 N71-23226
[NASA-CASE-XLE-04503] C14 N71-24864	[NASA-CASE-KNP-06509] C14 N/1-23226 Device for simultaneously determining density,
FLOW DISTRIBUTION	velocity, and temperature of streaming gas
Photographing surface flow patterns on wind	[NASA-CASE-XLA-03375] C16 N71-24074
Protographing Surface flow pactering on wind	Doppler shifted laser beam as fluid velocity
tunnel test models [NASA-CASE-XLA-01353] c14 N70-41366	sensor
[4828-697-778-01222]	[NASA-CASE-XAC-10770-1] c16 N71-24828
Color photointerpretation of interference colors	Flowmeters for sensing low fluid flow rate and
reflected from thin film oil-coated components	pressure for application to respiration rate
in moving gases for gas flow visualization	studies
[NASA-CASE-XEP-01779] c12 N71-20815	[NASA-CASE-FRC-10022] c12 N71-26546
Air conditioning system and automatic	Force balanced throttle valve for fuel control
distribution device for distributing air flow	in rocket engines
from opposite directions in supply duct	[NASA-CASE-NPO-10808] c15 N71-27432
[NASA-CASE-GSC-11445-1] G15 N72-28503	Flow rate switch for detecting variations in
-	fluid flow velocity through conduits of
Laser Doppler velocimeter for simultaneously	pressurized systems
measuring orthogonal fluid velocity components	FNASA-CASE-NPO-107221 C09 N72-20199
without flow field perturbation	Instrument for measuring magnitude and direction
[NASA-CASE-ARC-10637-1] c14 N73-21390	of flow velocity in flow field
	rnasa-case-far-10855-1] c14 N73-13415
PLOW MEASUREMENT	Constant flow velocity generator for calibrating
Collapsible flow test device for obstructed	hot-wire anemometers
passages rwasa-case-xws-049171 c14 N69-24257	[NASA-CASE-MFS-21424-1] c12 N73-16248
[NASA-CASE-XMS-04917] C14 N69-24257 Simulated fuel assembly-type flow measurement	Procedure for generating uniform flow at warying
apparatus for coolant flow in reactor core	velocities in wind tunnel test section
INASA-CASE-XLE-007247 c14 N70-34669	[NASA-CASE-ARC-10710-1] c11 N73-27175
[NASA-CASE-XLE-00724] C14 N70-34669 Mass flow meter containing beta source for	PLON VISUALIZATION
mass flow meter containing beta source for	Method and apparatus for measuring shock layer
measuring nonpolar liquid flow [NASA-CASE-MFS-20485] c14 N72-11365	radiation distribution about high velocity
[NASA-CASE-MFS-20485] C14 N72-11365 Instrument for measuring magnitude and direction	objects
of flow velocity in flow field	r nāsa-case-xac-02970] c14 n69-39896
[NASA-CASE-LAR-10855-1] c14 N73-13415	Color photointerpretation of interference colors
System for measuring drag forces in a	reflected from thin film oil-coated components
turbulently flowing fluid	in moving gases for gas flow visualization
[NASA-CASE-ARC-10755-1] c14 N74-14115	[NASA-CASE-XMF-01779] c12 N71-20815
Flow measuring apparatus	PLOBMETERS
[NASA-CASE-LEW-12078-1] c14 N74-18101	Collapsible flow test device for obstructed
PLON REGULATORS	passages
Antibacklash circuit for hydraulic drive system	[NASA-CASE-XMS-04917] c14 N69-24257
[NASA-CASE-XNP-01020] c03 N71-12260	Simulated fuel assembly-type flow measurement
Tubular flow restrictor for gas flow control in	apparatus for coolant flow in reactor core
pipeline	[NASA-CASE-XLE-00724] c14 N70-34669
[NASA-CASE-NPO-10117] c15 N71-15608	Positive displacement flowmeter for measuring
Fluid flow control valve for regulating fluids	extremely low flows of fluid with self
in molecular quantities	calibrating features
[NASA-CASE-XLE-00703] c15 N71-15967	[NASA-CASE-XNF-02822] c14 N70-41994
Control of gas flow from pressurized vessel by	Heated element sensor for fluid flow detection
thermal expansion of metal plug	in thermal conductive conduit with adaptive
[NASA-CASE-NPO-10298] c12 N71-17661	means to determine flow rate and direction [NASA-CASE-MSC-12084-1] c12 N71-17569
Semitoroidal diaphragm cavitating flow control	
valve	Describing laser Doppler velicometer for
[NASA-CASE-XNP-09704] C12 N71-18615	measuring mean velocity and turbulence of
Describing device for changing flow rate of	fluid flow (NASA-CASE-MFS-203861 c21 B71-19212
fluid in duct in response to change in	[NASA-CASE-MPS-20386] c21 N71-19212 Zeta potential flowmeter for measuring very slow
temperature	
[NASA-CASE-MPS-14259] c15 N71-19213	to very high flows [NASA-CASE-XNP-06509] c14 N71-23226
Pneumatic servoamplifier for controlling flow	Flow meter for measuring stagnation pressure in
regulation	boundary layer around high speed flight vehicle
[NASA-CASE-MSC-12121-1] G15 N71-27147	[NASA-CASE-XFR-02007] C12 N71-24692
Gas flow control device, including housing and	Doppler shifted laser beam as fluid velocity
input port (NASA-CASE-NPO-114791 c15 N73-13462	sensor
[NASA-CASE-NPO-11479] C15 N73-13462 PLOW STABILITY	[NASA-CASE-YAC-10770-1] c16 N71-24828
Detonation reaction engine comprising outer	Flowneters for sensing low fluid flow rate and
housing enclosing pair of inner walls for	pressure for application to respiration rate
continuous flow	studies
[NASA-CASE-XMF-06926] G28 N71-22983	I NASA-CASE-FRC-10022] C12 N71-26546
Constant flow velocity generator for calibrating	Mass flow meter containing beta source for
hot-wire anemometers	measuring nonpolar liquid flow
[NASA-CASE-MFS-21424-1] c12 N73-16248	r na sa - cas r - mps - 20485)
PLOW VELOCITY	Respiratory analysis system to determine gas
Continuous variation of propellant flow and	flow rate and frequency of respiration and
thrust by application of liquid foam flow	expiration cycles in real time
theory to injection orifice	rnasa-case-msc-13436-11 cos N73-32015
[NASA-CASE-XLE-00177] c28 N70-40367	Low power electromagnetic flowmeter system
Measuring density of single and two-phase	producing zero output signal for zero flow
cryogenic fluids in rocket fuel tanks	f Na Sa-Case-arc-10362-11 c14 N73-32326
	[NASA-CASE-ARC-10362-1] c14 N73-32326
	System for measuring drag forces in a
Device for adding water to high velocity exhaust	System for measuring drag forces in a turbulently flowing fluid
	System for measuring drag forces in a

metals

NASA-CASE-LEH-10981-1] c14 N74-21018	
	pressurized systems
	[NASA-CASE-NPO-10722] C09 N72-20199
Fluid jet amplifier with fluid from jet nozzle	Torsional disconnect device for releasably
: deflected by inlet pressure (NASA-CASE-XLE-03512) c12 N69-21466	coupling distal ends of fluid conduits
Bultiple vortex amplifier system as fluid valve	[NASA-CASE-NPO-10704] c15 N72-20445 Capacitive tank gaging device for monitoring one
%: LNASA-CASE-XMF-047091 c15 N71-15609	constituent of two phase fluid by sensing
Shear modulated fluid amplifier of high pressure	dielectric constant
hydraulic wortex amplifier type	[NASA-CASE-MFS-21629] c14 N72-22442
K [NASA-CASE-MFS-10412] C12 N71-17578	Transferring liquid mitrogen through vacuum
Development of vortex fluid amplifier for	chamber to cryopanel
throttling rocket exhaust [NAS4-CASE-LEW-10374-1] C28 N73-13773	[NASA-CASE-LAR-10031] c15 N72-22484
Fluid pressure amplifier and system	Design and development of device for moving liquid through pipes without use of mechanical
[NAS#-CASE-LAR-10868-1] C09 N74-11050	pumps
PLUID PILAS	[NASA-CASE-LAR-10799-1] c12 N73-12295
Journal bearings for lubricant films	Design and development of device to prevent
[NASI-CASE-LER-11076-1] c15 N74-21061 PLUID FILTERS	geysering during convective circulation of
Absorbent apparatus for separating gas from	cryogenic fluids
liquid-gas stream used in environmental	[NASA-CASE-KSC-10615] c15 N73-12486 Constant flow velocity generator for calibrating
control under zero gravity conditions	hot-wire anemometers
[NASA-CASE-XMS-01492] CO5 N70-41297	[NASA-CASE-MFS-21424-1] c12 N73-16248
Compact high pressure filter for rocket fuel lines	Laser Doppler velocimeter for simultaneously
[NASA-CASE-XNP-00732] c28 N70-41447	measuring orthogonal fluid velocity components
Development of liquid separating system using	without flow field perturbation
capillary device connected to flexible bladder storage chamber	[NASA-CASE-ARC-10637-1] c14 N73-21390
[NASA-CASE-IMS-13052] c14 N71-20427	Design and development of thermomechanical pump for transmitting warming fluid through fluid
Design and characteristics of system for	circuit to control temperature of spacecraft
regenerating fluid filter to remove trapped	instrumentation
particles with application to space shuttle	[NASA-CASE-NPO-11417] c15 N73-24513
systems	Design and characteristics of system for
[NASA-CASE-MSC-14273-1] c12 N73-28179 FIUID FLOW	regenerating fluid filter to remove trapped
Pluid jet amplifier with fluid from jet nozzle	particles with application to space shuttle
deflected by inlet pressure	systems [NASA-CASE-HSC-14273-1] c12 N73-28179
[NASA-CASE-XLE-03512] c12 N69-21466	System for measuring drag forces in a
Pneumatic system for cyclic control of fluid.	turbulently flowing fluid
flow in pneumatic device	[NASA-CASE-ARC-10755-1] C14 N74-14115
[NASA-CASE-XMS-04843] CO3 N69-21469	Combined dual scatter, local oscillator laser
Conical valve plug for use with reactive	Doppler velocimeter
cryogenic fluids	[NASA-CASE-ARC-10642-1] c14 N74-18099
[NASA-CASE-XLE-00715] c15 N70-34859	Flow measuring apparatus [NASA-CASE-LEB-12078-1] c14 N74-18101
Pressure regulating system with high pressure	[NASA-CASE-LEG-12078-1] c14 N74-18101 Flow control valve for high temperature fluids
fluid source, adapted to maintain constant	[NASA-CASE-NPO-11951-1] c15 N74-21065
downstream pressure	FLUID INJECTION
[NASA-CASE-XNP-00450] c15 N70-38603	Solid propellant ignition with hypergolic fluid
Antiflutter check valve for use with high	injected to predetermined portions of propellant
pressure fluid flow	[NASA-CASE-ILE-00207] c28 N70-33375
[NASA-CASE-INP-01152] c15 N70-41811 Inductive liquid level detection system	Method for igniting solid propellant rocket motors by injecting hypergolic fluids
[NASA-CASE-XLE-01609] c14 N71-10500	
Multiple vortex amplifier system as fluid valve	NASA=CASE=XLE=01988 c27 N71=15634
ngrethre sorcer ambitities placem go times agide	[NASA-CASE-XLE-01988] c27 N71-15634 Constructing fluid spike nozzle to eliminate
[NASA-CASE-XMP-04709] c15 N71-15609	[MASA-CASE-XLE-01988] C27 N71-15634 Constructing fluid spike nozzle to eliminate heat transfer and high temperature problems
[NASA-CASE-XMP-04709] c15 N71-15609 Heated element sensor for fluid flow detection	Constructing fluid spike nozzle to eliminate heat transfer and high temperature problems inherent in physical spikes
[NASA-CASE-XMP-04709] c15 N71-15609 Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive	Constructing fluid spike nozzle to eliminate heat transfer and high temperature problems inherent in physical spikes [NASA-CASE-KGS-01143] c31 N71-15647
[NASA-CASE-XMF-04709] c15 N71-15609 Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction	Constructing fluid spike nozzle to eliminate heat transfer and high temperature problems inherent in physical spikes [NASA-CASE-KGS-01143] c31 N71-15647 Method and apparatus for producing fine
[NASA-CASE-XMF-04709] c15 N71-15609 Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive, means to determine flow rate and direction [NASA-CASE-MSC-12084-1] c12 N71-17569	Constructing fluid spike nozzle to eliminate heat transfer and high temperature problems inherent in physical spikes [NASA-CASE-XGS-01143] c31 N71-15647 Method and apparatus for producing fine particles in cryogenic liquid bath for gelled
[NASA-CASE-XMF-04709] c15 N71-15609 Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] c12 N71-17569 Throttle valve for regulating fluid flow volume	Constructing fluid spike nozzle to eliminate heat transfer and high temperature problems inherent in physical spikes [NASA-CASE-XGS-01143] c31 N71-15647 Method and apparatus for producing fine particles in cryogenic liquid bath for gelled rocket propellants
[NASA-CASE-XMF-04709] c15 N71-15609 Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive, means to determine flow rate and direction [NASA-CASE-MSC-12084-1] c12 N71-17569	Constructing fluid spike nozzle to eliminate heat transfer and high temperature problems inherent in physical spikes [NASA-CASE-XGS-01143] c31 N71-15647 Method and apparatus for producing fine particles in cryogenic liquid bath for gelled rocket propellants [NASA-CASE-NPO-10250] c23 N71-16212 Fluid transferring system design for purging
[NASA-CASE-XMF-04709] c15 N71-15609 Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] c12 N71-17569 Throttle valve for regulating fluid flow volume [NASA-CASE-XMF-09698] c15 N71-18580 Photometric flow meter with comparator reference means	Constructing fluid spike nozzle to eliminate heat transfer and high temperature problems inherent in physical spikes [NASA-CASE-XGS-01143] c31 N71-15647 Method and apparatus for producing fine particles in cryogenic liquid bath for gelled rocket propellants [NASA-CASE-NPO-10250] c23 N71-16212 Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes
[NASA-CASE-XMF-04709] c15 N71-15609 Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] c12 N71-17569 Throttle valve for regulating fluid flow volume [NASA-CASE-XMF-09698] c15 N71-18580 Photometric flow meter with comparator reference means [NASA-CASE-XGS-01331] c14 N71-22996	Constructing fluid spike nozzle to eliminate heat transfer and high temperature problems inherent in physical spikes [NASA-CASE-XGS-01143] c31 N71-15647 Method and apparatus for producing fine particles in cryogenic liquid bath for gelled rocket propellants [NASA-CASE-NPO-10250] c23 N71-16212 Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for
[NASA-CASE-XMF-04709] c15 N71-15609 Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] c12 N71-17569 Throttle valve for regulating fluid flow volume [NASA-CASE-XMF-09698] c15 N71-18580 Photometric flow meter with comparator reference means [NASA-CASE-XGS-01331] c14 N71-22996 Combination pressure transducer-calibrator	Constructing fluid spike nozzle to eliminate heat transfer and high temperature problems inherent in physical spikes [NASA-CASE-XGS-01143] c31 N71-15647 Method and apparatus for producing fine particles in cryogenic liquid bath for gelled rocket propellants [NASA-CASE-NPO-10250] c23 N71-16212 Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention
[NASA-CASE-XMF-04709] c15 N71-15609 Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] c12 N71-17569 Throttle valve for regulating fluid flow volume [NASA-CASE-XMF-09698] c15 N71-18580 Photometric flow meter with comparator reference means [NASA-CASE-XGS-01331] c14 N71-22996 Combination pressure transducer-calibrator assembly for measuring fluid	Constructing fluid spike nozzle to eliminate heat transfer and high temperature problems inherent in physical spikes [NASA-CASE-KGS-01143] c31 N71-15647 Method and apparatus for producing fine particles in cryogenic liquid bath for gelled rocket propellants [NASA-CASE-NPO-10250] c23 N71-16212 Pluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XMS-01905] c12 N71-21089
[NASA-CASE-XMF-04709] c15 N71-15609 Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] c12 N71-17569 Throttle valve for regulating fluid flow volume [NASA-CASE-XNF-09698] c15 N71-18580 Photometric flow meter with comparator reference means [NASA-CASE-XSE-01331] c14 N71-22996 Combination pressure transducer-calibrator assembly for measuring fluid [NASA-CASE-XNP-01660] c14 N71-23036	Constructing fluid spike nozzle to eliminate heat transfer and high temperature problems inherent in physical spikes [NASA-CASE-XGS-01143] c31 N71-15647 Method and apparatus for producing fine particles in cryogenic liquid bath for gelled rocket propellants [NASA-CASE-NPO-10250] c23 N71-16212 Pluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XMS-01905] c12 N71-21089 Tertiary flow injection system for thrust
[NASA-CASE-XMF-04709] c15 N71-15609 Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] c12 N71-17569 Throttle valve for regulating fluid flow volume [NASA-CASE-XMF-09698] c15 N71-18580 Photometric flow meter with comparator reference means [NASA-CASE-XGS-01331] c14 N71-22996 Combination pressure transducer-calibrator assembly for measuring fluid [NASA-CASE-XMF-01660] c14 N71-23036 Valve assembly for controlling simultaneously	Constructing fluid spike nozzle to eliminate heat transfer and high temperature problems inherent in physical spikes [NASA-CASE-XGS-01143] c31 N71-15647 Method and apparatus for producing fine particles in cryogenic liquid bath for gelled rocket propellants [NASA-CASE-NPO-10250] c23 N71-16212 Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XMS-01905] c12 N71-21089 Tertiary flow injection system for thrust vectoring of propulsive nozzle flow
[NASA-CASE-XMF-04709] c15 N71-15609 Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] c12 N71-17569 Throttle valve for regulating fluid flow volume [NASA-CASE-XMF-09698] c15 N71-18580 Photometric flow meter with comparator reference means [NASA-CASE-XGS-01331] c14 N71-22996 Combination pressure transducer-calibrator assembly for measuring fluid [NASA-CASE-XMF-01660] c14 N71-23036 Valve assembly for controlling simultaneously more than one fluid flow, and having stable qualities under loads	Constructing fluid spike nozzle to eliminate heat transfer and high temperature problems inherent in physical spikes [NASA-CASE-KGS-01143] c31 N71-15647 Method and apparatus for producing fine particles in cryogenic liquid bath for gelled rocket propellants [NASA-CASE-NPO-10250] c23 N71-16212 Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XMS-01905] c12 N71-21089 Tertiary flow injection system for thrust vectoring of propulsive nozzle flow [NASA-CASE-KFS-20831] c28 N71-29153 FLUID JETS
[NASA-CASE-XMF-04709] Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] Throttle valve for regulating fluid flow volume [NASA-CASE-XMF-09698] Photometric flow meter with comparator reference means [NASA-CASE-XGS-01331] C14 N71-22996 Combination pressure transducer-calibrator assembly for measuring fluid [NASA-CASE-XMF-01660] Valve assembly for controlling simultaneously more than one fluid flow, and having stable qualities under loads [NASA-CASE-XMS-05890] C09 N71-23191	Constructing fluid spike nozzle to eliminate heat transfer and high temperature problems inherent in physical spikes [NASA-CASE-XGS-01143]
[NASA-CASE-XMF-04709] Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] c12 N71-17569 Throttle valve for regulating fluid flow volume [NASA-CASE-XMF-09698] c15 N71-18580 Photometric flow meter with comparator reference means [NASA-CASE-XGS-01331] c14 N71-22996 Combination pressure transducer-calibrator assembly for measuring fluid [NASA-CASE-XNP-01660] c14 N71-23036 Valve assembly for controlling simultaneously more than one fluid flow, and having stable qualities under loads [NASA-CASE-MS-05890] c09 N71-23191 Flowmeters for sensing low fluid flow rate and	Constructing fluid spike nozzle to eliminate heat transfer and high temperature problems inherent in physical spikes [NASA-CASE-XGS-01143]
[NASA-CASE-XMF-04709] c15 N71-15609 Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] c12 N71-17569 Throttle valve for regulating fluid flow volume [NASA-CASE-XMF-09698] c15 N71-18580 Photometric flow meter with comparator reference means [NASA-CASE-XGS-01331] c14 N71-22996 Combination pressure transducer-calibrator assembly for measuring fluid [NASA-CASE-XMF-01660] c14 N71-23036 Valve assembly for controlling simultaneously more than one fluid flow, and having stable qualities under loads [NASA-CASE-XMS-05890] Plowmeters for sensing low fluid flow rate and pressure for application to respiration rate	Constructing fluid spike nozzle to eliminate heat transfer and high temperature problems inherent in physical spikes [NASA-CASE-XGS-01143] c31 N71-15647 Method and apparatus for producing fine particles in cryogenic liquid bath for gelled rocket propellants [NASA-CASE-NPO-10250] c23 N71-16212 Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XMS-01905] c12 N71-21089 Tertiary flow injection system for thrust vectoring of propulsive nozzle flow [NASA-CASE-KFS-20831] c28 N71-29153 FIUID JETS Directed fluid stream for propeller blade loading control [NASA-CASE-XAC-00139] c02 N70-34856
[NASA-CASE-XMF-04709] c15 N71-15609 Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] c12 N71-17569 Throttle valve for regulating fluid flow volume [NASA-CASE-XMF-09698] c15 N71-18580 Photometric flow meter with comparator reference means [NASA-CASE-XGS-01331] c14 N71-22996 Combination pressure transducer-calibrator assembly for neasuring fluid [NASA-CASE-XMP-01660] c14 N71-23036 Valve assembly for controlling simultaneously more than one fluid flow, and having stable qualities under loads [NASA-CASE-XMS-05890] c09 N71-23191 Flowmeters for sensing low fluid flow rate and pressure for application to respiration rate studies	Constructing fluid spike nozzle to eliminate heat transfer and high temperature problems inherent in physical spikes [NASA-CASE-XGS-01143] c31 N71-15647 Method and apparatus for producing fine particles in cryogenic liquid bath for gelled rocket propellants [NASA-CASE-NPO-10250] c23 N71-16212 Fluid transferring system design for purging toxic, corrosive, or noxious fluids and fumes from materials handling equipment for cleansing and accident prevention [NASA-CASE-XMS-01905] c12 N71-21089 Tertiary flow injection system for thrust vectoring of propulsive nozzle flow [NASA-CASE-HFS-20831] c28 N71-29153 FLUID JETS Directed fluid stream for propeller blade loading control [NASA-CASE-XAC-00139] c02 N70-34856
[NASA-CASE-XMF-04709] Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] c12 N71-17569 Throttle valve for regulating fluid flow volume [NASA-CASE-XMF-09698] c15 N71-18580 Photometric flow meter with comparator reference means [NASA-CASE-XGS-01331] c14 N71-22996 Combination pressure transducer-calibrator assembly for measuring fluid [NASA-CASE-XNP-01660] c14 N71-23036 Valve assembly for controlling simultaneously more than one fluid flow, and having stable qualities under loads [NASA-CASE-MS-05890] c09 N71-23191 Flowmeters for sensing low fluid flow rate and pressure for application to respiration rate studies [NASA-CASE-FRC-10022] c12 N71-26546	Constructing fluid spike nozzle to eliminate heat transfer and high temperature problems inherent in physical spikes [NASA-CASE-XGS-01143]
[NASA-CASE-XMF-04709] Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] c12 N71-17569 Throttle valve for regulating fluid flow volume [NASA-CASE-XMF-09698] c15 N71-18580 Photometric flow meter with comparator reference means [NASA-CASE-XGS-01331] c14 N71-22996 Combination pressure transducer-calibrator assembly for measuring fluid [NASA-CASE-XMF-01660] c14 N71-23036 Valve assembly for controlling simultaneously more than one fluid flow, and having stable qualities under loads [NASA-CASE-XMS-05890] c09 N71-23191 Flowmeters for sensing low fluid flow rate and pressure for application to respiration rate studies [NASA-CASE-FRC-10022] c12 N71-26546 Control valve for switching main stream of fluid from one stable position to another by means	Constructing fluid spike nozzle to eliminate heat transfer and high temperature problems inherent in physical spikes [NASA-CASE-XGS-01143]
[NASA-CASE-XMF-04709] Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] Throttle valve for regulating fluid flow volume [NASA-CASE-XMF-09698] Photometric flow meter with comparator reference means [NASA-CASE-XMF-01331] C14 N71-22996 Combination pressure transducer-calibrator assembly for measuring fluid [NASA-CASE-XMP-01660] Valve assembly for controlling simultaneously more than one fluid flow, and having stable qualities under loads [NASA-CASE-XMS-05890] Flowmeters for sensing low fluid flow rate and pressure for application to respiration rate studies [NASA-CASE-FRC-10022] C12 N71-26546 Control valve for switching main stream of fluid from one stable position to another by means of electrohydrodynamic forces	Constructing fluid spike nozzle to eliminate heat transfer and high temperature problems inherent in physical spikes [NASA-CASE-XGS-01143]
[NASA-CASE-XMF-04709] Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] c12 N71-17569 Throttle valve for regulating fluid flow volume [NASA-CASE-XMF-09698] c15 N71-18580 Photometric flow meter with comparator reference means [NASA-CASE-XGS-01331] c14 N71-22996 Combination pressure transducer-calibrator assembly for measuring fluid [NASA-CASE-XNP-01660] c14 N71-23036 Valve assembly for controlling simultaneously more than one fluid flow, and having stable qualities under loads [NASA-CASE-MSG-05890] c09 N71-23191 Flowmeters for sensing low fluid flow rate and pressure for application to respiration rate studies [NASA-CASE-FRC-10022] c12 N71-26546 Control valve for switching main stream of fluid from one stable position to another by means of electrohydrodynamic forces [NASA-CASE-MPO-10416] c12 N71-27332	Constructing fluid spike nozzle to eliminate heat transfer and high temperature problems inherent in physical spikes [NASA-CASE-XGS-01143]
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(NASA-CASE-XHQ-04106) C14 H70-40240	Variable direction force coupler for
Apertured electrode focusing system for ion	transmitting force along selectable curve path
sources with nonuniform plasma density	[NASA-CASE-MYS-20317] c15 N73-13463
NASA-CASE-XMP-03332] c09 N71-10618	Porhaldehyde
Development and characteristics of Petzval type	Chemical synthesis of formaldehyde based
objective including field shaping lens for	disinfectants without penetrating odor and eye
focusing light of specified wavelength band on	and ear irritation properties (NASA-CASE-NPO-12115-11 c06 N73-17153
curved photoreceptor	[
[NASA-CASE-GSC-10700] c23 N71-30027	FOREATES Preparation of polyurethane polymer by reacting
Absolute focus locking device for microscopes to	hydroxy polyformal with organic diisocyanate
<pre>% maintain set focus for extended time period % [NASA-CASE-LAR-10184] c14 N72-22445</pre>	[NASA-CASE-HFS-10509] C06 N73-30103
Electron beam controller using magnetic	PORHIEG TECHNIQUES
field to refocus spent electron beam in	Apparatus for forming wire grids for electric
microwave oscillator tube	strain gages
[NASA-CASE-LEH-11617-1] CO9 N74-10195	[NASA-CASE-NLE-00023] c15 N70-33330
Automatic focus control for facsimile cameras	Hot forming of plastic sheets
[NASA-CASE-LAR-11213-1] c14 N74-10420	[NASA-CASE-XHS-05516] c15 N71-17803
FOILS (HATERIALS)	Forming tubes from long thin flat metal strips
Poil seal between parts moving relative to each	[NASA-CASE-XGS-04175] c15 N71-18579
other	Portable magnetomotive hammer for metal working
[NASA-CASE-XLE-05130] c15 N69-21362	[NASA-CASE-XHF-03793] c15 N71-24833
Procedure for making insulating foil for use in	Forming mold for polishing and machining curved solar magnesium reflector with reinforcing ribs
multilayer insulating system [NASA-CASE-LEB-11484-1] c15 N73-22415	[NASA-CASB-XLE-08917-2] c15 N71-24836
[NASA-CASE-LEB-11484-1] c15 N73-22415	Heat treatment and tooling for forming shapes
Characteristics of device for folding thin	from thermosetting honeycomb core sheets
, flexible sheets into compact configuration	[NASA-CASE-NPO-11036] c15 N72-24522
[NASA-CASE-XLA-00137] c15 N70-33180	Compression molding apparatus for thermosetting
FOLDING STRUCTURES	plastic compositions
Lenticular vehicle with foldable aerodynamic	[NASA-CASE-LAR-10489-2] c15 N73-31446
control flaps and reaction jets for operation	Bethod of heat treating a formed powder product
above and Within earth's atmosphere	Baterial
[NASA-CASE-XGS-00260] c31 N70-37924	[NASA-CASE-LEH-10805-3] c17 N74-10521
Collapsible, space erectable loop antenna system	Drilled ball bearing with a one piece
for space wehicle	anti-tipping cage assembly [NASA-CASE-LEG-11925-1] c15 N74-18133
[NASA-CASE-REP-00437] c07 E70-40202	
Unfolding boom assembly with knuckle joints for	FOURDATIONS Base support for expansible and contractible
positioning equipment for spacecraft [MASA-CASE-XGS-00938] c32 N70-41367	coupling between two members
Foldable conduit capable of springing back as	[NASA-CASE-NPO-11059] c15 N72-17454
self erecting structural member	FOURIER TRANSFORMATION
[WASA-CASE-YLE-00620] c32 N70-41579	Photographic film restoration system using
Foldable, double come and parabolic reflector	Fourier transformation lenses and spatial filter
system for solar ray concentration	[NASA-CASE-HSC-12448-1] c14 N72-20394
[NASA-CASE-KLA-04622] CO3 N70-41580	Continuous Fourier transform method and apparatus
Hethod for deployment of flexible sing glider	[NASA-CASE-ARC-10466-1] c08 N73-21199
from space wehicle with minimum impact and	PRACTIONATION
loading	Purification apparatus for vaporization and
[NASA-CASE-XMS-00907] c02 N70-41630	fractional distillation of liquids
Development and characteristics of variable	[NASA-CASE-XNP-08124] c15 N71-27184
sweep wing control system for supersonic	FRACTURE HECHANICS Apparatus for testing metallic and nonmetallic
aircraft [NASA-CASB-XLA-03659] c02 N71-11041	beams or rods by bending at high temperatures
Hydraulic actuator design for space deployment	in vacuum or inert atmosphere
of heat radiators	[NASA-CASE-XLE-01300] c15 N70-41993
[NASA-CASE-HSC-11817-1] c15 N71-26611	FRARES
Apparatus and method of assembling building	Shock absorbing articulated multiple couch
blocks by folding pre-cut flat sheets of	assembly
material during on-site construction	[NASA-CASE-HSC-11253] c05 N71-12343
[NASA-CASE-NSC-12233-1] c15 N72-25454	Pliable frame for sunglasses in emergency
Electrically conductive wire storage in plastic	survival kits
capsule that allows for unfolding rwasa-case-LAR-10168-11 c09 N73-22151	[NASA-CASE-XMS-06064] c05 N71-23096
(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Expandable space frames with high expansion to collapse ratio
POOD Detection of bacteria in biological fluids and	[NASA-CASE-ERC-10365-1] c31 N73-32749
foods	PRAHISG CAHERAS
[NASA-CASE-GSC-11533-1] c14 N73-13435	High speed photo-optical time recorder for
FORCE	indicating time at exposure of each frame of
Electromechanical actuator for producing	high speed novie camera film
mechanical force and/or motion in response to	[NASA-CASE-RSC-10294] c14 H72-18411
electrical signals	Prer Flight test apparatus
[NASA-CASE-NPO-11738-1] c09 N73-30185	Hydraulic support equipment for full scale
PORCE DISTRIBUTION	dynamic testing of large rocket vehicle under
Device for handling heavy loads by distributing	free flight conditions
forces	[NASA-CASE-XHF-01772] c11 H70-41677
[NASA-CASE-XNP-04969] c11 x69-27466	Hydraulic support apparatus for dynamic testing
perelopment of two force component measuring	of space vehicles under near-free flight
device [NASA-CASE-XAC_04886-1]	conditions [NASA-CASE-XMF-03248] c11 N71-10604
Tensile strength testing device having pulley	[NASA-CASE-IMF-03248] c11 N71-10604 Free flight suspension system for use with
quides for exerting multiple forces on test	aircraft models in wind tunnel tests
specimen	[NASA-CASE-XLA-00939] c11 N71-15926
rnasa-case-xnp-056341 c15 N71-24834	PHEREE DRYIEG
Development and characteristics of device for	Rice preparation process consisting of cooking,
indicating and recording magnitude of force	two freezing-thaving cycles, and then freeze
applied in agial direction	drying
[WASA-CASE-HSC-15626-1] C14 H72-25411	[NASA-CASE-MSC-13540-1] c05 N72-33096
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	a at a few manifesting condition recognisies
PREON	System for monitoring condition responsive devices by using frequency division multiplex
Solar energy power system using freen	technique
[NASA-CASE-MFS-21628-1] C29 N74-14496	[NASA-CASE-KSC-10521] C07 N73-20176
PREQUENCIES	FREQUENCY MEASUREMENT
Controlled oscillator system with a time	Measurement system for physical quantity
dependent output frequency [NASA-CASE-NPO-11962-1] c09 N74-10194	represented by or converted to variable
High efficiency multifrequency feed	frequency signal
[NASA-CASE-GSC-113173] c09 N74-20863	[NASA-CASE-NFS-20658-1] c14 N73-30386
PROTENCY ANALYZERS	PREQUENCY HODULATION
Describing frequency discriminator using digital	Accelerometer with PM output signals indicative
logic circuits and supplying single binary	of mechanical strain on it
output signal	[HASA-CASE-XLA-00492] C14 N70-34799 Circuitry for generating sync signals in PM
[NASA-CASE-MFS-14322] COS N71-18692	communication systems including video
Broadband frequency discriminator with resistive	information
captive inductive networks	[NASA-CASE-XNP-10830] CO7 N71-11281
[NASA-CASE-NPO-10096] C07 N71-24583 Audio frequency analysis circuit for	penodulator for simultaneous demodulation of two
determining, displaying, and recording	modulating ac signal carriers close in frequency
frequency of sweeping audio frequency signal	[NASA-CASE-XMF-01160] c07 N71-11298
[NASA-CASE-NPO-11147] C14 N72-27408	Optical tracker with pair of FM reticles having
Continuous Fourier transform method and apparatus	patterns 90 deg out of phase rwasa-case-xgs-057151
[NASA-CASE-ARC-10466-1] COS N73-21199	[NASA-CASE-XGS-05715] C23 N71-16100 Atomic hydrogen maser with bulb temperature
FREQUENCY CONTROL	control by output frequency difference signal
Automatic control of woltage supply to direct	for wall shift elimination
current motor rwasa-case-yws-04215-11	[NASA-CASE-HQK-10654-1] c16 N73-13489
INTO TANDE TO A LOVE . 3	Device for locating electrically nonlinear
Variable frequency magnetic coupled multivibrator with temperature compensated	objects and determining distance to object by
frequency control circuit	FM signal transmission
[NASA-CASE-XGS-00458] c09 N70-38604	[NASA-CASE-KSC-10108] c14 N73-25461
variable frequency magnetic coupled	Symmetrical odd-modulus frequency divider
multivibrator with output signal of constant	[NASA-CASE-NPO-13426-1] CO9 N74-18869
amplitude and waveform	Automatic frequency control for FM transmitter (NASA-CASE-MES-21540-11 c07 N74-19790
[NASA-CASE-XGS-00131] c09 N70-38995	I made dade mis 2.5.0 11
Development of automatic frequency	PREQUENCY MULTIPLIERS Multiple varactor for generating high
discriminators and control for phase lock loop	frequencies with high power and high
providing frequency preset capabilities f wasa-case-xmf-08665 l c10 w71-19467	conversion efficiency
[NASA-CASE-XMF-08665] c10 N73-19467 Linear accelerator frequency control system	[NASA-CASE-XMF-04958-1] c10 N71-26414
[NASA-CASE-XGS-05441] C10 N71-22962	PRECUENCY RANGES
Tuning arrangement for frequency control of	Variable time constant, wide frequency range
magnetron-type electron discharge device	smoothing network for noise removal from pulse
[NASA-CASE-XNP-09771] C09 N71-24841	chains [Nasa-Case-xgs-01983]
Development of acoustical controlled distributed	[NASA-CASE-IGS-01983] C10 N70-41964 Variable frequency nuclear magnetic resonance
feedback laser with continuous frequency	spectrometer providing drive signals over wide
spectrum tuning rnasa-casm-npo-13175-11 c16 N73-27431	frequency range and minimizing noise effects
[NASA-CASE-NPO-13175-1] c16 N73-27431 Low loss dichroic plate	[NASA-CASE-XNP-09830] c14 N71-26266
[NASA-CASE-NPO-13171-1] C07 N74-11000	Technique for extending the frequency range of
Automatic frequency control for FM transmitter	digital dividers
[NASA-CASE-MFS-21540-1] c07 N74-19790	[NASA-CASE-LAR-10730-1] c10 N74-10223
PREQUENCT CONVERTERS	Multichannel logarithmic RF level detector [NASA-CASE-LAR-11021-1] c14 N74-20019
Frequency to analog converters with unipolar	[
field effect transistor for determining	PREQUENCY RESPONSE Adjustable frequency response microphone
potential charge by pulse duration of input	[NASA-CASE-LAR-11170-1] c07 N74-12843
signal f NASA-CASE-XNP-07040 l c08 N71-12500	FREQUENCY SHIFT
[NASA-CASE-XNP-07040] C08 N71-12500 Describing static inverter with single or	Doppler frequency shift correction device for
multiple phase output	multiplex communication with Applications
[NASA-CASE-XMF-00663] C08 N71-18752	Technology Satellites
voltage controlled, variable frequency	[NASA-CASE-XGS-02749] c07 N69-39978
relaxation oscillator with MOSFET variable	Serrodyne traveling wave tube reentrant
current feed	amplifier for synchronous communication
[NASA-CASE-GSC-10022-1] c10 N71-25882	satellites operating at microwave frequencies [NASA-CASE-XGS-01022] c07 N71-16088
Development of family of frequency to amplitude	[NASA-CASE-XGS-01022] C07 N71-16088 Multiplexed communication system design
converters for frequency analysis of complex	including automatic correction of transmission
input signal waveforms [NASA-CASE-MSC-12395] c09 N72-25257	errors introduced by frequency spectrum shifts
PREQUENCY DISTRIBUTION	[NASA-CASE-XNP-01306] C07 N71-20814
Monopole antenna system for maximum	Doppler shifted laser beam as fluid velocity
omnidirectional efficiency for use on satellites	Sensor
[NASA-CASE-XLA-00414] c07 N70-38200	[NASA-CASE-XAC-10770-1] c16 N71-24828
Variable frequency subcarrier oscillator with	PREQUENCY SHIFT REVING
temperature compensation	Frequency shift keyed demodulator - circuit
[NASA-CASE-NNP-03916] c09 N71-28810	diagrams [NISA-CISE-XGS-02889]
FREQUENCY DIVIDERS	[NASA-CASE-XGS-02889] C07 N71-11282 Frequency shift keying apparatus for use with
Low phase noise frequency divider for use with	pulse code modulation data transmission system
deep space network communication system [NASA-CASE-NPO-11569] c10 N73-26229	[NASA-CASE-XGS-01537] C07 N71-23405
Technique for extending the frequency range of	PREGURECY STABILITY
digital dividers	Gas laser frequency stabilized by position of
[NASA-CASE-LAR-10730-1] c10 N74-10223	mirrors in resonant cavity
Symmetrical odd-modulus frequency divider	rnasa-case-rgs-036441 c16 N71-18614
[NASA-CASE-NPO-13426-1] c09 N74-18869	Solid state broadband stable power amplifier
PREQUENCY DIVISION MULTIPLEXING	[NASA-CASE-ENP-10854] c10 N71-26331
Earth satellite relay station for frequency	PREQUENCY STANDARDS
nultiplexed voice transmission [MASA-CASE-GSC-10118-1] c07 N71-24621	Development of method for synchronizing clocks at several ground stations based on signals

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received from spacecraft or satellites	[NASA-CASE-XHS-04890-1] c15 N70-22192
NASA-CASE-XNP-08875] c10 N71-23099 FREQUENCY SYNCHRODIZATION	Bater electrolysis rocket engine with self- regulating stoichiometric fuel mixing regulator
Synchronized digital communication system	[NASA-CASE-XGS-08729] c28 N71-1404
[NASA-CASE-XNP-03623] c09 N73-28084 FREQUENCY SYNTHESIZERS	FUEL GAGES
Digitally controlled frequency synthesizer for	Response analyzing apparatus for liquid wapor interface sensor of sloshing rocket propellant
pulse frequency modulation telemetry systems	[NASA-CASE-MPS-11204] c14 N71-29134
[NASA-CASE-XGS-02317] c09 N71-23525 FRICTION	PUEL INJECTION
Axially and radially controllable magnetic bearing	Apparatus for cooling and injecting hypergolic propellants into combustion chamber of small
[NASA-CASE-GSC-11551-1] c15 N74-18132	rocket engine
PRICTION FACTOR Self lubricating gears and other mechanical	[NASA-CASE-XLE-00303] c15 N70-36535
parts having surface adapted to frictional	Puel injection system for maximum combustion efficiency of rocket engines
Contact - TWick-Cach-MEC-480741	[NASA-CASE-XLE-00111] c28 N70-38199
[NASA-CASE-MFS-14971] c15 N71-24984 PRICTION HEASUREMENT	Propellant injection assembly having individually removable and replaceable nozzles
Kinetic and static friction force measurement	for liquid fueled rocket engines
between magnetic tape and magnetic head surfaces [NASA-CASE-XNP-08680] c14 N71-22995	[NASA-CASE-XHF-00968] c28 N71-1566(
FRICTION REDUCTION	Fuel and oxidizer injection head for thrust chamber of reaction engine
Development of low friction magnetic recording	[NASA-CASE-NPO-10046] c28 N72-17843
tape [NASA-CASE-XGS-00373]	Improved injector with porous plug for bubbles of gas into feed lines of electrically
Hollow high strength rolling elements for	conductive liquid
antifriction bearings fabricated from preformed components	[NASA-CASE-NPO-11377] c15 N73-27406
[NASA-CASE-LEN-11026-1] c15 N73-33383	Rocket propellant injector with porous faceplate for rocket engine combustion chamber
PRICTIONLESS ENVIRONHENTS	[NASA-CASE-LEN-11071-1] c27 N73-27695
Air bearings for near frictionless transfer of loads from one body to another	FUEL PUMPS Variable displacement fuel pump for internal
[NASA-CASE-XMF-01887] c15 N71-10617	combustion engines
Platform with several ground effect pads and plenum chambers	[NASA-CASE-MSC-12139-1] c28 N71-14058
[NASA-CASE-MFS-14685] c31 N71-15689	FUEL SYSTEES Internal labyrinth and shield structure to
Development of apparatus for simulating zero	improve electrical isolation of propellant
gravity conditions [NASA-CASE-MFS-12750] c27 N71-16223	feed source from ion thrustor [NASA-CASE-LEH-10210-1] c28 N71-26781
PROST	Development of system for preheating vaporized
Insulating system for receptacles of liquefied gases using wire cloth for forming frost layer	fuel for use with internal combustion engines
[NASA-CASE-XMF-00341] c15 N70-33323	[NASA-CASE-NPO-12072] c28 N72-22772 Development of electronic circuit for
PUBL CELLS TROUGHES ion exchange months are alegans for	measurement transducer power supply to be used
Inorganic ion exchange membrane electrolytes for fuel cell use	for liquid level measurement in liquid propellant rocket engines
[NASA-CASE-XNP-04264] c03 N69-21337	[NASA-CASE-MFS-21698-1] c09 N73-26196
Operation method for combined electrolysis device and fuel cell using molten salt to	Supersonic-combustion rocket
produce power by thermoelectric regeneration	[NASA-CASE-LEH-11058-1] c28 N74-13502 FURL TABK PRESSURIZATION
mechanism [NASA-CASE-XLE-01645] c03 N71-20904	Puel tank pressure-relief device for venting
Electrode sealing and insulation for fuel cells	cryogenic liquid vapors through tubes with porous plug
containing caustic liquid electrolytes using	[WASA-CASE-XLE-00288] c15 N70-34247
powdered plastic and metal [NASA-CASE-XMS-01625] c15 N71-23022	Automatically reciprocating, high pressure pump for use in spacecraft cryogenic propellants
Development and characteristics of ion-exchange	[NASA-CASE-XNP-04731] c15 N71-24042
membrane and electrode assembly for fuel cells or electrolysis cells	Hethod and apparatus for pressurizing propellant tanks used in propulsion motor feed system
[NASA-CASE-XMS-02063] c03 H71-29044	[NASA-CASE-XNP-00650] c27 N71-28929
<pre>Bethod for producing asbestos matrix suitable for use in fuel cell or electrolysis cell</pre>	PUBL TAUKS
[NASA-CASE-HSC-12568-1] c18 N73-16577	Reduced gravity liquid configuration simulator to study propellant behavior in rocket fuel
PUBL CONTROL	tanks
Attitude and propellant flow control system for liquid propellant rocket vehicles	[NASA-CASE-XLE-02624] c12 N69-39988 Flexible ring slosh damping baffle for
[NASA-CASE-XHF-00185] c21.N70-34539	spacecraft fuel tank
Plexible ring slosh damping baffle for spacecraft fuel tank	[NASA-CASE-LAR-10317-1] c32 N71-16103
[NASA-CASE-LAR-10317-1] c32 N71-16103	Submerged fuel tank baffles to prevent sloshing in liquid propellant rocket flight
Submerged fuel tank baffles to prevent sloshing in liquid propellant rocket flight	[NASA-CASE-XLA-04605] c32 N71-16106
[NASA-CASE-XLA-04605] c32 N71-16106	Pressure sensor network for measuring liquid dynamic response in flight including fuel tank
Control valve and coaxial variable injector for	acceleration, liquid slosh amplitude, and fuel
controlling bipropellant mixture ratio and flow [NASA-CASE-XNP-09702] c15 N71-17654	depth monitoring
Force balanced throttle valve for fuel-control	[NASA-CASE-XLA-05541] c12 N71-26387 Blectrical failure detector in solid rocket
in rocket engines	propellant motor insulation against thermal
[NASA-CASE-NFO-10808] c15 N71-27432 Variable-orifice hydraulic mechanism for	degradation by fuel grain
aircraft gas turbine engine fuel control	PORL VALVES
[NASA-CASE-LEW-11187-1] c28 N73-19793	Apparatus for cooling and injecting hypergolic
PURL PLOS Development of system for preheating vaporized	propellants into combustion chamber of small rocket engine
fuel for use with internal combustion engines	[NASA-CASE-NLE-00303] c15 N70-36535
[MASA-CASE-NFO-12072] c28 N72-22772 FUEL PLOE REGULATORS	Semitoroidal diaphragm cavitating flow control valve
Solenoid two-step valve for bipropellant flow	[NASA-CASE-XNP-09704] c12 N71-18615
rate control to rocket engine	2 012 871-10013

	477
Filler valve design for supplying liquid	Graded band gap p-n junction gallium arsenide/gallium aluminum arsenide solar cell
propellants at high pressure to space ventures	[NASA-CASE-LAR-11174-1] CO3 N73-26047
NASA-CHREATT VITT	CAT TANTO SET W DRSPONSK
FUNCTION GENERATORS Mechanical function generators with	Adhesive spray process for attaching biomedical
notentiometer as sensing element	skin electrodes [NASA-CASE-XFR-07658-1] c05 N71-26293
C 13 M (T 20) J 2	CIMMI DIAC
Digital guasi-exponential function generator	Coaxial electrical conductor for high gamma flux
Corrigo life of electromechanical device for	locations of thermionic converter
generating sine/cosine functions	[NASA-CASE-LEW-10950-1] c09 N72-31239 Design of gamma ray spectrometer for measurement
CNACA_CACP_T AR-10503-1 CV7 N/2-61240	of intense radiation using Compton scattering
Punction generators for producing complex vibration mode patterns used to identify	effect
vibration mode data	[NASA-CASE-MFS-21441-1] c14 N73-30392
$r_{NN}c_{3}$ $c_{3}c_{2}-r_{3}c_{2}+t_{3}2t_{3}-t_{1}$ C10 $n/3-20233$	GANTRY CRANES Design and characteristics of mechanically
Integrated circuit tanguet function generator	extended and telescoping boom on crane assembly
MESE-CEPE-H2C-12301 1	[NASA-CASE-NPO-11118] c03 N72-25021
FURLABLE ANTENNAS Development and characteristics of extensible	GARARNIS
dipole antenna using deformable tubular	Electromedical garment, applying vectorcardiologic type electrodes to human
metallic strip element	torsos for data recording during physical
	activity
Purlable antenna for spacecraft [NASA-CASE-NPO-11361] c07 N72-32169	[NASA-CASE-XFR-10856] c05 N71-11189
PURNACES	GAS AVALYSIS Gas analyzer for bi-gaseous mixtures suitable
High speed infrared furnace	for use in test facilities
[NASA-CASE-XLE-10466] c17 N69-25147 Development of black-body source calibration	CNASA-CASE-XLA-011317 C14 N71-10774
furnace	bescribing crystal oscillator instrument for
runca_case_vir=013991	detecting condensible gas contaminants in
Induction heating of metallurgical specimens to	vacuun apparatus [NASA-CASE-NPO-10144] c14 N71-17701
high temperatures in coil furnace	nesign and characteristics of time of flight
Plactric furnace for vacuum and zero gravity	mace spectrometer to measure or analyze gases
melting of high melting point materials during	at low pressures and time of flight of single
earth orbit	gas molecule [NASA-CASE-INP-01056] c14 N71-23041
[MASA-CASE-MID-20770]	Microwaye double resonance spectroscopy
PUSICH (MELTING) Silver chloride use in technique for fusion	absorption cell for gas analysis
bonding of graphite to silver, glass,	[NASA-CASE-LAR-10305] c14 N71-26137 Ion microprobe mass spectrometer with cooled
ceramics, and certain other metals	electrode target for analyzing traces of fluids
[NASA-CASE-XGS-00963] C15 M69-39735 Process for fiberizing ceramic materials with	[wasa-Case-Rac-10014]
high fusion temperatures and tensile strength	nevelopment and characteristics of injection
[NASA-CASE-XNP-00597] c18 N71-23088	system for use with gas chromatograph [Naca-CasR-BRC-10344-1]
PRETAN PREDING	[NASA-CASE-ARC-10344-1] C14 N72-21433 Nondispersive gas analysis using radiation
Pahricating solar cells with dielectric layers	detection for quantitative analysis
to improve glass fusion [NASA-CASE-XGS-04531] c03 N69-24267	[WASA-CASE-ARC-10308-1] CU6 N/2-31141
Control of fusion welding through use of	Apparatus for analyzing gas samples in containers including vacuum chamber, mass
thermocouple wire	enectrometer, and das chromatography
[NASA-CASE-MFS-06074] C15 N71-20393 Diffusion welding in air solid state welding	[wasa-case-gsc-10903-1] C14 M/3-14444
of butt joint by fusion welding, surface	Analysis of volatile organic compounds
cleaning, and heating	quantitative and qualitative analysis of trace amounts in gas samples
[NASA-CASE-LEW-11387-1] c15 N74-18128	[NASA-CASE-NSC-14428-1] c06 N74-19776
^	cle Blcc
G	Payload soft landing system using stowable gas bag fwash-cask-YLA-098811 c31 N71-16085
GADOLINIUM	[NASA-CASE-XLA-09881] C31 M/1-16085 GAS BEARINGS
Doping silicon material with gadolinium to increase radiation resistance of solar cells	Externally pressurized air bearing for gyros
[NASA-CASE-XLE-02792] C26 N71-10607	operating in high temperature, low gravity
Gadolinium or samarium doped-silicon	environments CNASA-CASE-XME-005151
semiconductor material with resistance to	[NASA-CASE-XMF-00515] C15 N70-34064 Slit regulated gas journal bearing
radiation damage for use in solar cells [NASA-CASE-ILE-10715] c26 N71-23292	[NASA-CASE-XNP-00476] C15 N70-38620
GALLIUM	Air bearings for spacecraft gyros
Device for measuring two orthogonal components	[NASA-CASE-INF-00339] c15 N70-39896 Air bearings for near frictionless transfer of
of force with gallium flotation of measuring	loads from one body to another
target for use in vacuum environments [NASA-CASE-XAC-04885] c14 H71-23790	CNASA-CASR-XMP-018871 c15 N71-10617
GALLIUM ARSBUIDES	Fluid power transmission and gas bearing system
Describing method for vapor deposition of	[NASA-CASE-XMS-01445] c12 N71-16031
qallium arsenide films to manganese substrates	Bisquth and lead surface coatings for gas bearings in aerospace engineering
to provide semiconductor devices with low	f NA SA-CASE-XGS-02011 7 C15 N71-20739
resistance substrates [NASA-CASE-INP-01328] c26 N71-18064	swivel support for gas bearing for position
Gallium arsemide solar cell preparation by	adjustment between ball and supporting Cup
surface deposition of cuprous iodide on thin	[NASA-CASE-XMY-07808] C15 N/1-23812 Low friction gas bearing system for fluid power
n-type polycrystalline layers and heating in	transmission to bearing-supported payload
iodine vapor [NASA-CASE-XNP-01960] c09 N71-23027	[NESE-CESE-28C-10097]
water content in wapor deposition atmosphere for	cas hearing for model support with capacity for
forming n-type and p-type junctions of zinc	measuring angular displacement of model in bearing
doped gallium arsemide [NASA-CASE-XMP-01961] c26 m71-29156	[NASA-CASE-XLA-09346] c15 N71-28740
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Journal air bearing with cylindrical cup	GAS EVOLUTION
designed to ride on shaft	Development of filter system for control of
[NASA-CASE-NFS-20423] c15 N72-11388	outgas contamination in vacuum conditions
hir bearing for use in exterior environment for	using absorbent beds of molecular sieve
moving heavy loads	zeolite, silica gel, and charcoal
[NASA-CASE-WLP-10002] c15 N72-17451	[NASA-CASE-MFS-14711] c15 N71-26185
GAS CHROEATOGRAPHY	GAS DIPANSION
Micropacked column for rapid chromatographic	Sealed electric storage battery with gas
analysis using low gas flow rates	
[NASA-CASE-XNP-04816] c06 N69-39936	manifold interconnecting each cell
Automatic baseline stabilization for ionization	[NASA-CASE-XNP-03378] c03 N71-11051
detector used in gas chromatograph	Method and apparatus for producing very low
[NASA-CASE-INP-03128] c10 N70-41991	temperature refrigeration based on gas
Gas chromatographic method for determining water	pressure balance
in nitrogen tetroxide rocket propellant	[NASA-CASE-XNP-08877] c15 N71-23025
	Gas-operated actuator with cyclic motion of
Development and characteristics of injection	
system for use with gas chromatograph	[NASA-CASE-NPO-11340] c15 N72-33477
	GAS PLON
Gas Chromatographic method for analyzing	Tubular flow restrictor for gas flow control in
hydrogen deuterium mixtures	pipeline
	[NASA-CASE-NPO-10117] c15 N71-15608
[NASA-CASE-NPO-11322] c06 N72-25146 Ultraviolet Chromatographic detector for	Developing high pressure gas purification and
Chartetative and evaluation contents	filtration system for use in test operations
quantitative and qualitative analysis of compounds	of space vehicles
FMICS FIRM HOUSE AS FIRST	[NASA-CASE-MFS-12806] c14 N71-17588
	Burst diaphragm flow initiator for installation
Apparatus for analyzing gas samples in	in short duration wind tunnels
containers including vacuum chamber, mass	[NASA-CASE-NFS-12915] c11 N71-17600
spectrometer, and gas chromatography	Color photointerpretation of interference colors
[NASA-CASE-GSC-10903-1] c14 N73-12444	reflected from thin film oil-coated components
Gas chromatograph injection system	in moving gases for gas flow visualization
[NASA-CASE-ARC-10344-2] c14 N74-20021	[NASA-CASE-XEF-01779] c12 N71-20815
GAS COOLED REACTORS	Transducer for monitoring oxygen flow in
Gaseous core diffusion nuclear reactor for	respirator
thermal energy generation	[NASA-CASE-FRC-10012] c14 N72-17329
[NASA-CASE-LEH-10250-1] c22 N71-28759	Design, development, and operation of shock tube
GAS COOLING	with bypass piston tunnel
Gas balancing, cryogenic refrigeration apparatus	[NASA-CASE-NPO-12109] c11 N72-22245
with Joule-Thomson valve assembly	Continuous gas flow control by fluidic
[NASA-CASE-NPO-10309] c15 N69-23190	proportional thruster system
Gas cooled high temperature thermocouple	[NASA-CASE-ARC-10106-1] c28 N72-22769
[NASA-CASE-XLE-09475~1] c33 N71-15568	Development of filter apparatus for gas
GAS DENSITY	separation and characteristics of filter cell
Dynamic sensor for gas pressure or density	support frame for improved operation
measurement	[NASA-CASE-MSC-12297] c14 N72-23457
[NASA-CASE-NAC-02877] c14 N70-41681	Pressurized inert gas feed for lighting system
Device for simultaneously determining density,	[NASA-CASE-KSC-10644] CO9 N72-27227
velocity, and temperature of streaming gas	Development of method for controlling vapor
[NASA-CASE-XLA-03375] c16 N71-24074	content of gas
Coherent light beam device and method for	[NASA-CASE-NPO-10633]
measuring gas density in vacuum chambers	Gas flow control device, including housing and
[NASA-CASE-XER-11203] c14 N71-28994	input port
Absorbing gas reactivity control system for	[NASA-CASE-NPO-11479] c15 N73-13462
minimizing power distribution and perturbation	Constant flow velocity generator for calibrating
in nuclear reactors	hot-wire anemometers
[NASA-CASE-XLE-04599] c22 N72-20597	[NASA-CASE-MFS-21424-1] c12 N73-16248
Electrodeposition method for producing	Development and characteristics of device for
crystalline material from dense gaseous medium	removing condensate from heat exchangers with
[NASA-CASE-NPO-10440] c15 N72-21466	straight through gas flow
Wide range dynamic pressure sensor with	[NASA-CASE-MSC-14143-1] c33 N73-32823
vibrating diaphragm for measuring density and	Compact hydrogenator
pressure of gaseous environment	[NASA-CASE-NPO-11682-1] c15 N74-15127
[NASA-CASE-ARC-10263-1] c14 N72-22438	Flow measuring apparatus
Absolute pressure measuring device for measuring	[NASA-CASE-LEH-12078-1] c14 N74-18101
gas density level in high vacuum range	GAS GENERATORS
[NASA-CASE-LAR-10000] c14 N73-30394	Chlorine generator for purifying water in life
GAS DETECTORS	support systems of manned spacecraft
Method and transducer device for detecting	
presence of hydrogen gas	[NASA-CASE-XLA-08913] c14 N71-28933 Gas operated quick disconnect coupling for
[NASA-CASE-XMF-03873] c06 N69-39733	umbilical connectors
Development of device for detecting hydrogen in	f 22 g 2 g 2 g 2 g 2 g 2 g 2 g 2 g 2 g 2
ambient environments	
[NASA-CASE-MFS-11537] c14 N71-20442	Actuator operated by electrolytic drive gas generator and evacuator
Gas leak detection in evacuated systems using	fylc) olon yng danen
ultraviolet radiation probe	Development and operating principles of W73-13467
[NASA-CASE-ERC-10034] c15 N71-24896	Development and operating principles of gas generator for deploying recovery parachutes
Fast response miniature carbon dioxide detector	from space conculor duning recovery parachutes
with no moving parts for measuring	from space capsules during atmospheric entry
concentration in any atmosphere	['NASA-CASE-LAR-10549-1] c31 n73-13898 GAS GDBS
[NASA-CASE-HSC-13332-1] C14 N72-21408	
GAS DISCHARGE TOBES	Electric arc device for minimizing electrode
Direct current powered self repeating plasma	ablation and heating gases to supersonic or
accelerator with interconnected annular and	hypersonic wind tunnel temperatures
linear discharge channels	[NASA-CASE-NAC-00319] c25 N70-41628
[NASA-CASE-XLA-03103] c25 N71-21693	
GAS DISCHARGES	
	Binetallic fluid displacement apparatus for
	stirring and heating stored gases and liquids
Radio frequency noise generator having microwave	stiffing and heating stored gases and liquids [NASA-CASE-ARC-10441-1] c15 N74-15126
	stirring and heating stored gases and liquids

control of solid propellants	-07 974-24040	Gas turbine exhaust nozzle for (NASA-CASE-LEW-11569-1]	c28 N74-15453
[NASA-CASE-XLE-03494] Compact hydrogenator	c27 N71-21819	GAS VALVES	020 277 10 133
[NASA-CASE-NPO-11682-1]	c15 N74-15127	High-temperature, high-pressure sph	erical
GAS IONIZATION		segment valve [NASA-CASE-XAC-00074]	c15 N70-34817
Electrostatic modulator for commun through plasma sheath formed aro	icating und spacecraft	Shrink-fit vacuum system gas valve	013 11.0 540,7
during reentry	dua phacerar	[NASA-CASE-XGS-00587]	c15 N70-35087
[NASA-CASE-XLA-01400]	c07 N70-41331	Gas valve operated by thermally exp	anding and
Multichannel photoionization chamb	er for	contracting device [NASA-CASE-XLE-00815]	c15 N70-35407
<pre>neasuring absorption, photoioniz and coefficients of gases</pre>	arion lierd,	Three-port transfer valve with one	port open
[NA SA-CASE-ERC-10044-1]	c14 N71-27090	continuously suitable for manned	space flight
GAS LASBRS		[NASA-CASE-NAC-01158] GAS WELDING	c15 N71-23051
Gas laser frequency stabilized by mirrors in resonant cavity	postcion of	Emission spectroscopy method for co	ntamination
[NASA-CASE-XGS-03644]	c16 N71-18614	monitoring of inert gas metal arc	: welding
Laser utilizing infrared rotation	transitions of	[NASA-CASE-XMF-02039] GASROUS DIFFUSION	c15 x71-15871
diatomic gas for production of d	Titetent	Gas purged dry box glove reducing p	ermeation of
[NASA-CASE-ARC-10370-1]	c16 N72-10432	air or moisture into dry box or i	solator by
Inert gas metallic vapor laser	.46 978 46407	diffusion through glove [NASA-CASE-XLE-02531]	c05 N71-23080
[NASA-CASE-NPO-13449-1] GAS LUBRICANTS	c16 N74-16187	Gaseous core diffusion nuclear read	
High temperature gas lubricant con	sisting of two	thermal energy generation	
fluoro-bromo-methanes		[NASA-CASE-LEW-10250-1]	c22 N71-28759
[NASA-CASE-XLE-00353]	c18 N70-39897	GASEOUS FISSION REACTORS Nuclear gaseous reactor for heating	rworking
GAS MASERS Solid state chemical source for am	monia beam	fluid to high temperatures	
maseis		[NASA-CASE-XLE-00321]	c22 N70-34572
[NASA-CASE-RGS-01504]	c16 N70-41578	<pre>Gaseous core diffusion nuclear read thermal energy generation</pre>	gor ior
Atomic hydrogen maser with bulb te control by output frequency diff	emperature Perence signal	[NASA-CASE-LEW-10250-1]	c22 N71-28759
for wall shift elimination		GASEOUS ROCKET PROPELLANTS	
[NASA-CASE-HQN-10654-1]	c16 N73-13489	Blectrostatic ion engines using hig electrons to ionize propellant	ip AetocifA
Gas mixtures Gas analyzer for bi-gaseous mixtur	es suitable	[NASA-CASE-XLE-00376]	c28 N70-37245
for use in test facilities	.00 04404-15	Detonation reaction engine comprisi	ing outer
[NASA-CASE-XLA-01131]	c14 N71-10774	housing enclosing pair of inner w	alls for
Boulpment for measuring partial was pressure in gas tank	ter wapor	continuous flow [NASA-CASE-XMF-06926]	c28 N71-22983
[NASA-CASE-XMS-01618]	c14 N71-20741	GASBS	
Separation cell with permeable mea	branes for	Apparatus and process for volumetri dispensing reagent quantities of	ically wolatile
fluid mixture component separati [NASA-CASE-XMS-02952]	c18 N71+20742	chemicals for small batch reaction	
Gas chromatographic method for ana		[NASA-CASE-NPO-10070]	c15 N71-27372
hydrogen deuterium mixtures	-	High speed scanner for measuring ma	ass of
[NASA-CASE-NPO-11322] GAS PIPES	c06 N72-25146	preselected gases at high sampling NASA-CASE-LAR-10766-1]	c14 N72-21432
Tubular flow restrictor for gas fl	low control in	Observation window for internal gas	
pipeline		chamber	-44 972.40065
[HASA-CASE-NPO-10117]	c15 N71-15608	[NASA-CASE-NPO-10890] Device for detection of combustion	c11 N73-12265
GAS PRESSURE Expulsion and measuring device for	determining	preceding gaseous explosions	
quantity of liquid in tank under		[NASA-CASE-LAR-10739-1]	c14 N73-16484
weightlessness	c14 N70-40233	GASKETS Leakproof soft metal seal for use t	in very high
[NASA-CASE-XMS-01546] Dynamic sensor for gas pressure or		vacuum systems operating at cryo	genic
measurement		temperatures	
[NASA-CASE-XAC-02877]	c14 N70-41681	[NASA-CASE-XGS-02441] Reinforced polyquinoxaline gasket a	c15 N70-41629
Wide range dynamic pressure senson vibrating diaphragm for measuring		preparing the same resistant	to ionizing
pressure of gaseous environment		radiation and liquid hydrogen ter	
[NASA-CASE-ARC-10263-1] GAS STRBAMS	c14 N72-22438	[NASA-CASE-MFS-21364-1] GATES (CIRCUITS)	c15 N74-18126
Device for simultaneously determin	ning density.	Flux gate magnetometer with toroid:	al gating coil
velocity, and temperature of st	reaming gas	and solenoidal output coil for s	
[NASA-CASE-XLA-03375]	c16 N71-24074	<pre>modulation or amplification [NASA-CASE-XGS-01881]</pre>	c09 N70-40123
Device for measuring stagnation posture for measuring stagnation posture and supersonic gas streams	ressure or	Silicon controlled rectifier pulse	
[WASA-CASE-LAR-11139-1]	c14 N73-20483	amplifier for blocking false gat:	ing caused by
GAS TEMPERATURE	ni donoity	negative transient voltages	c09 N71-12514
Device for simultaneously determine velocity, and temperature of stream.		[NASA-CASE-XLA-07497] Logic AND gate for fluid circuits	CO5 111 1251
[NASA-CASE-XLA-03375]	c16 N71-24074	[NASA-CASE-XLA-07391]	c12 N71-17579
GAS TURBINE ENGINES	: f	Synchronous counter design incorpor	rating nrowions
Variable-orifice hydraulic mechan: aircraft gas turbine engine fue:		cascaded binary stages driven by stages and inputs through NAND g	ates
[NASA-CASE-LEW-11187-1]	c28 N73-19793	[NASA-CASE-1GS-02440]	c08 N71-19432
Airflow distribution control in ga	as turbine	Switching series regulator with ga	ting control
engines [NASA-CASE-LEW-11593-1]	c28 N73-25816	network [NASA-CASE-XMS-09352]	c09 N71-23316
Swirl can, full-annulus combustion		GATES (OPENINGS)	
high performance gas turbine en	gines	Longitudinalfilm gate and lock med	hanism for
[NASA-CASE-LEW-11326-1] GAS TURBINES	c23 N73-30665	securing film in motion picture vibration and high acceleration	loads
Method for maintaining good perform		[NASA-CASE-LAR-10686]	c14 N71-28935
turbine during air flow distort.		GEARS Production stonning drive device US	ing cam dick
[NASA-CASE-LEW-10286-1]	c28 N71-28915	Precision stepping drive device us	THY COM ULDA

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[NASA-CASE-MFS-14772] c15 N71-17692	GLASS FIBERS
Gearing system for eliminating backlash and	Nonmagnetic hermetically sealed battery case
filtering input torque fluctuations from high	made of epoxy resin and wowen glass tape for
Inertia load	use with electrochemical cells in spacecraft
[NASA-CASE-xGS-04227] c15 N71-21744 Self lubricating gears and other mechanical	[NASA-CASE-XGS-00886] c03 N71-11053 Lathe tool and holder combination for machining
parts having surface adapted to frictional	resin impregnated fiberglass cloth laminates
contact	[NASA-CASE-XLA-10470] c15 N72-21489
[NASA-CASE-MFS-14971] c15 N71-24984	Development of procedure for repairing
Development and characteristics of concentric	fiberglass structures which retains geometry
output differential gearing system	and strength of original structure
[NASA-CASE-ARC-10462-1] c15 N73-29459	[NASA-CASE-LAR-10416-1] c15 N72-27527
GELLED ROCKET PROPELLANTS	Development and characteristics of polyimide
Method and apparatus for producing fine particles in cryogenic liquid bath for gelled	impregnated laminates with fiberglass cloth
rocket propellants	backing for application as printed circuit broads
[NASA-CASE-NPO-10250] C23 N71-16212	[NASA-CASE-MFS-20408] c18 N73-12604
GBL\$	Fiber modified polyurethane foam for ballistic
Intermittent type silica gel adsorption	protection
refrigerator for providing temperature control	[NASA-CASB-ARC-10714-1] c18 N74-11366
for spacecraft components	GLIDE PATHS
[NASA-CASE-XNP-00920] c15 N71-15906	Development and characteristics of system for
Chemical synthesis of formaldehyde based	integrated control of engine power and
disinfectants without penetrating odor and eye and ear irritation properties	aerodynamic configuration of aircraft during landing approach
[NASA-CASE-NPO-12115-1] c06 N73-17153	[NASA-CASE-ARC-10456-1] c02 N73-30938
GRHERATORS	GLOBES
Constant flow velocity generator for calibrating	Orbital and entry tracking accessory for globes
hot-wire anemometers	to provide range requirements for reentry
[NASA-CASE-MPS-21424-1] c12 N73-16248	wehicles to any landing site
GIHBALS	[NASA-CASE-LAB-10626-1] c14 N74-21015
Gimbaled partially submerged nozzle for solid	GLOYES
Propellant rocket engines for providing directional control	Gas purged dry box glove reducing permeation of
[NASA-CASE-XMF-01544] c28 N70-34162	air or moisture into dry box or isolator by diffusion through glove
Inertial gimbal alignment system for spacecraft	[NASA-CASE-XLE-02531] c05 N71-23080
guidance	GLOW DISCHARGES
[NASA-CASE-XMF-01669] c21 N71-23289'	Deposition of alloy films on irregulary
Three stage notion restraining mechanism for	shaped metal object
restraining and damping three dimensional	[NASA-CASE-LEW-11262-1] c18 N74-13270
vibrational movement of gimballed package	GLUCOSE
during launch of spacecraft	Use of enzyme hexokinase and glucose to reduce
[NASA-CASE-GSC-10306-1] c15 N71-24694 Bermetically sealed vibration damper design for	inherent light levels of ATP in luciferase
use in gimbal assembly of spacecraft inertial	compositions [NASA-CASE-XGS-05533] c04 N69-27487
guidance system	GOLD COATINGS
[NASA-CASE-MSC-10959] c15 N71-26243	Lithium drifted silicon radiation detector with
Low friction bearing and lock mechanism for	gold rectifying contacts
two-axis gimbal carrying satellite payload	[NASA-CASE-XLE-10529] c14 N69-23191
[NASA-CASE-GSC-10556-1] c31 N71-26537	GONDOLAS
GLANDS (SEALS)	System for controlling torque buildup in
Development of mating flat surfaces to inhibit leakage of fluid around shafts	suspension of gondola Connected to balloom by parachute shroud lines
[NASA-CASE-XLE-10326-2] c15 N72-29488	[NASA-CASE-GSC-11077-1] c02 N73-13008
GLASS	GRANULAR HATERIALS
Fabricating solar cells with dielectric layers	Development of device for separating,
to improve glass fusion	collecting, and viewing soil particles
[NASA-CASE-XGS-04531] c03 N69-24267	[NASA-CASE-XNP-09770] c15 N71-20440
Reduced gravity liquid configuration simulator	GRAPHITE
to study propellant behavior in rocket fuel	Silver chloride use in technique for fusion
tanks [NASA-CASE-XLE=02624] c12 N69-39988	bonding of graphite to silver, glass,
Metal pattern bonding technique for cover glass	ceramics, and certain other metals [NA-SA-CASE-KGS-00963] c15 N69~39735
attachment to silicon solar cells for space	Diffusion bonded graphite reinforced aluminum
applications	composites
[NASA-CASE-XLE-08569] c03 N71-23449	[NASA-CASE-MFS-21077] c18 N71-34502
Apparatus for applying thin glass slides to	GRATINGS (SPECTRA)
solar cells	Concave grating spectrometer for use in near and
[NASA-CASE-NPO-10575]. c03 N72-25019	vacuum ultraviolet regions
Silicon solar cell with plastic film binding to cover glass	[NASA-CASE-IGS-01036] c14 N70-40003
[NASA-CASE-LEH-11065-2] c03 N73-26048	GRAVIBETERS Design for determining aggeleration of acceptance
Glass-to-metal seals comprising relatively high	Device for determining acceleration of gravity by interferometric measurement of travel of
expansion metals	falling body
[NASA-CASE-LEW-10698-1] c15 N74-21063	[NASA-CASE-XMF-05844] C14 N71-17587
GLASS COATINGS	GRAVITATION
Method of attaching cover glass to silicon solar	Design of precision vertical alignment system
cell without using adhesive	using laser with gravitationally sensitive
[NASA-CASE-XLE-08569-2] c03 N71-24681	cavity
Helium outgassing process for fused glass coating on ion accelerator grid	[NASA-CASE-ARC-10444-1] c16 x73-33397
[NASA-CASE-LEH-10278-1] c15 N71-28582	GRAVITATIONAL CONSTANT Gravity device for accurate and rapid indication
Development of process for constructing	of relative gravity conditions aboard
protective covers for solar cells	accelerating carrier
[NASA-CASE-GSC-11514-1] c03 N72-24037	[NASA-CASE-XMF-00424] c11 N70-38196
GLASS ELECTRODES	GRAVITATIONAL EFFECTS
Liquid junction for glass electrode or pH meters	Computation method and apparatus for predicting
[NASA-CASE-NPO-10682] c15 N70-34699	solar flares by correlating planetary
•***	ephemeris data with gravitational force

effects on sun	GROUND-AIR-GROUND COMMUNICATIONS
	Fabry-Perot interferometer retrodirective reflector modulator for optical communication
(NASA-CASA-BAC-1022) Gravity environment simulation by locomotion and restraint aid for studying manual operation	*** - * *** *** *** *** *** *** *** ***
performance of astronauts at zero gravity	Closed loop radio communication ranging system to determine distance between moving airborne
[NASA-CASE-ARC-10153] COS N/1-26019	vehicle and fixed ground station
GRAVITATIONAL FIELDS Difference indicating circuit used in	FNASA-CASE-XNP-015011 C21 N/0-41930
conjunction with device measuring	Location identification system with ground based transmitter and aircraft borne receiver/decoder
gravitational fields	[NASA-CASE-ERC-10324] c07 N72-25173
[NASA-CASE-XNP-08274]	GUIDANCE (MOTION)
GRAVITY GRADIENT SATELLITES Stabilization system for gravity-oriented	Hovering type flying vehicle design and
satellites using single damper rod	principle mechanisms for manned or unmanned use [NASA-CASE-MSC-12111-1] c02 N71-11039
[NASA-CASE-XAC-01591] c31 N71-17729 Nethod of stationkeeping for lenticular gravity	nevelopment of adjustable attitude quide block
aradient satellites	for setting pins perpendicular to irregular
[NASA-CASE-NLA-03132] C31 N/1-22909	convex work surface [NASA-CASE-XLA-07911] c15 N71-15571
GRAVITY GRADIOMETERS Gravity device for accurate and rapid indication	Longitudinalfilm gate and lock mechanism for
of relative gravity conditions aboard	securing film in motion picture cameras under
accelerating carrier	vibration and high acceleration loads [NASA-CASE-LAR-10686] c14 N71-28935
[NASA-CASE-XMF-00024] c11 H70-38196 Gravity gradient attitude control system with	Combination guide and rotary bearing for freely
gravity gradiometer and reaction wheels for	noving shaft
artificial satellite attitude control	[NASA-CASE-XLA-00013] c15 N71-29136 Guide member for stabilizing cable of open shaft
[NASA-CASE-GSC-10555-1] c21 N71-27324	elevator
GRIDS Process for fabricating matched pairs of dished	[NASA-CASE-KSC-10513] c15 N72-25453
screen and accelerator grids for ion thruster	GUIDANCE SENSORS Light sensitive digital aspect sensor for
accelerator system	attitude control of earth satellites or space
COTURING (MATERIAL REMOVAL)	probes
Laser device for removing material from rotating	[NASA-CASE-XGS-00359] C14 N70-34158 Guidance analyzer having suspended spacecraft
object for dynamic balancing	simulating sphere for astronavigation
[NASA-CASE-MPS-11279] c16 N71-20400 Grinding mixtures of powdered metals and inert	гия са _ гас и _ у и р = 09572] C 14 N / I = 100 / I
fillers for conversion to halide	Optical gauging system for monitoring machine
[NASA-CASE-LEW-10450-1] c15 N72-25448	tool alignment [NASA-CASE-NAC-09489-1] c15 N71-26673
GRINDING MACHINES Tool positioning holder for grinding by ball	herelanment of light sensing system for
nose milling cutter	controlled orientation of object relative to sun or other light source
[NASA-CASE-LAR-10450-1] c15 N73-10504	[NASA-CASE-NPO-11311] c14 N72-25414
GROOVES Nonreuseable energy absorbing device comprising	GUIDE VANES
ring member with plurality of recesses.	Design and development of movable turbine inlet guide vanes to provide aerodynamic choking for
cutting members, and guide member mounted in each recess	jet engine
	[NASA-CASE-LAR-10642-1] C28 N72-27820
	FREDY CEOR TYPE 1001-11
Spiral groove seal for hydraulic rotating	GUN LAUNCHERS Solf-obturating das-operated launcher for
Spiral groove seal for hydraulic rotating shaft	GUN LAUNCHERS Self-obturating gas-operated launcher for launching projectiles in decontaminated medium
Spiral groove seal for hydraulic rotating shaft [NASA-CASE-LEW-10326-3] c15 N74-10474 Spiral groove seal for rotating shaft	GUN LAUNCHERS Self-obturating gas-operated launcher for launching projectiles in decontaminated medium [NASA-CASE-NPO-11013] c11 N72-22247
Spiral groove seal for hydraulic rotating shaft [NASA-CASE-LEW-10326-3] c15 N74-10474 Spiral groove seal for rotating shaft [NASA-CASE-XLE-10326-4] c15 N74-15125	GUN LAUNCHERS Self-obturating gas-operated launcher for launching projectiles in decontaminated medium [NASA-CASE-NPO-11013] CINN EPPECT
Spiral groove seal for hydraulic rotating shaft [NASA-CASE-LEW-10326-3] c15 N74-10474 Spiral groove seal for rotating shaft [NASA-CASE-XLE-10326-4] c15 N74-15125 GROUND EFFECT MACHINES	GUN LAUNCHERS Self-obturating gas-operated launcher for launching projectiles in decontaminated medium [NASA-CASE-NPO-11013] c11 N72-22247 GUND RFFECT Voltage tunable Gunn effect semiconductor for microwave generation
Spiral groove seal for hydraulic rotating shaft [NASA-CASE-LEW-10326-3] c15 N74-10474 Spiral groove seal for rotating shaft [NASA-CASE-XLE-10326-4] c15 N74-15125 GROUND EFFECT MACHINES Hovering type flying vehicle design and principle mechanisms for manned use	GUN LAUNCHERS Self-obturating gas-operated launcher for launching projectiles in decontaminated medium [NASA-CASE-NPO-11013] c11 N72-22247 GUND RFFECT Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-VER-07894] c09 N71-18721
Spiral groove seal for hydraulic rotating shaft [NASA-CASE-LEW-10326-3] Spiral groove seal for rotating shaft [NASA-CASE-XLE-10326-4] GROUND EPPECT MACHINES Hovering type flying vehicle design and principle mechanisms for manned or unmanned use [NASA-CASE-MSC-12111-1] CO2 N71-11039	GUN LAUNCHERS Self-obturating gas-operated launcher for launching projectiles in decontaminated medium [NASA-CASE-NPO-11013] c11 N72-22247 GUND RFFECT Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] c09 N71-18721 Gunn effect microwave diodes with RF shielding
Spiral groove seal for hydraulic rotating shaft [NASA-CASE-LEW-10326-3] c15 N74-10474 Spiral groove seal for rotating shaft [NASA-CASE-XLE-10326-4] c15 N74-15125 GROUND EFFECT MACHINES Hovering type flying vehicle design and principle mechanisms for manned or unmanned use [NASA-CASE-MSC-12111-1] c02 N71-11039 Platform with several ground effect pads and	GUN LAUNCHERS Self-obturating gas-operated launcher for launching projectiles in decontaminated medium [NASA-CASE-NPO-11013] c11 N72-22247 GUNN EFFECT Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] c09 N71-18721 Gunn effect microwave diodes with RF shielding [NASA-CASE-ERC-10119] Multiterminal Gunn-type semiconductor microwave
Spiral groove seal for hydraulic rotating shaft [NASA-CASE-LEM-10326-3] c15 N74-10474 Spiral groove seal for rotating shaft [NASA-CASE-XLE-10326-4] c15 N74-15125 GROUND EFFECT MACHINES Hovering type flying vehicle design and principle mechanisms for manned or unmanned use [NASA-CASE-MSC-12111-1] c02 N71-11039 Platform with several ground effect pads and plenum chambers [NASA-CASE-MFS-14685] c31 N71-15689	GUN LAUNCHERS Self-obturating gas-operated launcher for launching projectiles in decontaminated medium [NASA-CASE-NPO-11013] c11 N72-22247 GUNN RFFECT Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] c09 N71-18721 Gunn effect microwave diodes with RF shielding [NASA-CASE-ERC-10119] c26 N72-21701 Multiterminal Gunn-type semiconductor microwave generator for producing stable signals
Spiral groove seal for hydraulic rotating shaft [NASA-CASE-LEM-10326-3] c15 N74-10474 Spiral groove seal for rotating shaft [NASA-CASE-XLE-10326-4] c15 N74-15125 GROUND EFFECT MACHINES Hovering type flying vehicle design and principle mechanisms for manned or unmanned use [NASA-CASE-MSC-12111-1] c02 N71-11039 Platform with several ground effect pads and plenum chambers [NASA-CASE-MFS-14685] c31 N71-15689 Tubular guideway for high speed ground effect	GUN LAUNCHERS Self-obturating gas-operated launcher for launching projectiles in decontaminated medium [NASA-CASE-NPO-11013] GUND RFFECT Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] Gunn effect microwave diodes with RF shielding [NASA-CASE-ERC-10119] Rultiterminal Gunn-type semiconductor microwave generator for producing stable signals [NASA-CASE-XER-07895] C26 N72-25679
Spiral groove seal for hydraulic rotating shaft [NASA-CASE-LEW-10326-3] c15 N74-10474 Spiral groove seal for rotating shaft [NASA-CASE-XLE-10326-4] c15 N74-15125 GROUND EFFECT MACHINES Hovering type flying vehicle design and principle mechanisms for manned or unmanned use [NASA-CASE-MSC-12111-1] c02 N71-11039 Platform with several ground effect pads and plenum chambers [NASA-CASE-MFS-14685] c31 N71-15689 Tubular guideway for high speed ground effect machines [NASA-CASE-LAR-10256-1] c11 N72-20253	GUN LAUNCHERS Self-obturating gas-operated launcher for launching projectiles in decontaminated medium [NASA-CASE-NPO-11013] c11 N72-22247 GUNN EFFECT Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] c09 N71-18721 Gunn effect microwave diodes with RF shielding [NASA-CASE-ERC-10119] c26 N72-21701 Multiterminal Gunn-type semiconductor microwave generator for producing stable signals [NASA-CASE-XER-07895] c26 N72-25679 Microwave generator using Gunn effect for magnetic tuning
Spiral groove seal for hydraulic rotating shaft [NASA-CASE-LEM-10326-3] c15 N74-10474 Spiral groove seal for rotating shaft [NASA-CASE-XLE-10326-4] c15 N74-15125 GROUBD EFFECT MACHINES Hovering type flying vehicle design and principle mechanisms for manned or unmanned use [NASA-CASE-MSC-12111-1] c02 N71-11039 Platform with several ground effect pads and plenum chambers [NASA-CASE-MFS-14685] c31 N71-15689 Tuhular guideway for high speed ground effect machines [NASA-CASE-LAR-10256-1] c11 N72-20253 Design and development of active control system	GUN LAUNCHERS Self-obturating gas-operated launcher for launching projectiles in decontaminated medium [NASA-CASE-NPO-11013] c11 N72-22247 GUNN RFFECT Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] c09 N71-18721 Gunn effect microwave diodes with RF shielding [NASA-CASE-ERC-10119] c26 N72-21701 Multiterminal Gunn-type semiconductor microwave generator for producing stable signals [NASA-CASE-XER-07895] c26 N72-25679 Microwave generator using Gunn effect for magnetic tuning [NASA-CASE-NPO-12106] c09 N73-15235
Spiral groove seal for hydraulic rotating shaft [NASA-CASE-LEW-10326-3] c15 N74-10474 Spiral groove seal for rotating shaft [NASA-CASE-XLE-10326-4] c15 N74-15125 GROUND EFFECT MACHINES Hovering type flying vehicle design and principle mechanisms for manned or unmanned use [NASA-CASE-MSC-12111-1] c02 N71-11039 Platform with several ground effect pads and plenum chambers [NASA-CASE-MFS-14685] c31 N71-15689 Tubular guideway for high speed ground effect machines [NASA-CASE-LAR-10256-1] c11 N72-20253 Design and development of active control system for air cushion vehicle to reduce or eliminate	GUN LAUNCHERS Self-obturating gas-operated launcher for launching projectiles in decontaminated medium [NASA-CASE-NPO-11013] c11 N72-22247 GUNN EFFECT Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] c09 N71-18721 Gunn effect microwave diodes with RF shielding [NASA-CASE-XER-0119] Multiterminal Gunn-type semiconductor microwave generator for producing stable signals [NASA-CASE-XER-07895] c26 N72-25679 Microwave generator using Gunn effect for magnetic tuning [NASA-CASE-NPO-12106] c09 N73-15235 GIRATORS Design of gyrator circuit using operational
Spiral groove seal for hydraulic rotating shaft [NASA-CASE-LEW-10326-3] c15 N74-10474 Spiral groove seal for rotating shaft [NASA-CASE-XLE-10326-4] c15 N74-15125 GROUND EFFECT MACHINES Hovering type flying vehicle design and principle mechanisms for manned or unmanned use [NASA-CASE-MSC-12111-1] c02 N71-11039 Platform with several ground effect pads and plenum chambers [NASA-CASE-MFS-14685] c31 N71-15689 Tuhular guideway for high speed ground effect machines [NASA-CASE-LAR-10256-1] c11 N72-20253 Design and development of active control system for air cushion vehicle to reduce or eliminate effects of excessive vertical vibratory	GUN LAUNCHERS Self-obturating gas-operated launcher for launching projectiles in decontaminated medium [NASA-CASE-NPO-11013] c11 N72-22247 GUNN EFFECT Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] c09 N71-18721 Gunn effect microwave diodes with RF shielding [NASA-CASE-ERC-10119] Multiterminal Gunn-type semiconductor microwave generator for producing stable signals [NASA-CASE-XER-07895] c26 N72-25679 Microwave generator using Gunn effect for magnetic tuning [NASA-CASE-NPO-12106] c09 N73-15235 GYRATORS Design of gyrator circuit using operational amplifiers to replace ungrounded inductors
Spiral groove seal for hydraulic rotating shaft [NASA-CASE-LEM-10326-3] c15 N74-10474 Spiral groove seal for rotating shaft [NASA-CASE-XLE-10326-4] c15 N74-15125 GROUND EFFECT MACHINES Hovering type flying vehicle design and principle mechanisms for manned or unmanned use [NASA-CASE-MSC-12111-1] c02 N71-11039 Platform with several ground effect pads and plenum chambers [NASA-CASE-MFS-14685] c31 N71-15689 Tubular guideway for high speed ground effect machines [NASA-CASE-LAR-10256-1] c11 N72-20253 Design and development of active control system for air cushion vehicle to reduce or eliminate effects of excessive vertical vibratory acceleration [NASA-CASE-LAR-10531-1] c02 N73-13023	GUN LAUNCHERS Self-obturating gas-operated launcher for launching projectiles in decontaminated medium [NASA-CASE-NPO-11013] c11 N72-22247 GUNN RFFECT Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] c09 N71-18721 Gunn effect microwave diodes with RF shielding [NASA-CASE-ERC-10119] c26 N72-21701 Multiterminal Gunn-type semiconductor microwave generator for producing stable signals [NASA-CASE-XER-07895] c26 N72-25679 Microwave generator using Gunn effect for magnetic tuning [NASA-CASE-NPO-12106] c09 N73-15235 GYRATORS Design of gyrator circuit using operational amplifiers to replace ungrounded inductors funsa-CASE-XER-10608-11 c09 N71-12517
Spiral groove seal for hydraulic rotating shaft [NASA-CASE-LEW-10326-3] c15 N74-10474 Spiral groove seal for rotating shaft [NASA-CASE-XLE-10326-4] c15 N74-15125 GROUND EFFECT MACHINES Hovering type flying vehicle design and principle mechanisms for manned or unmanned use [NASA-CASE-MSC-12111-1] c02 N71-11039 Platform with several ground effect pads and plenum chambers [NASA-CASE-MFS-14685] c31 N71-15689 Tuhular guideway for high speed ground effect machines [NASA-CASE-LAR-10256-1] c11 N72-20253 Design and development of active control system for air cushion vehicle to reduce or eliminate effects of excessive vertical vibratory acceleration [NASA-CASE-LAR-10531-1] c02 N73-13023 GROUND HANDLING	GUN LAUNCHERS Self-obturating gas-operated launcher for launching projectiles in decontaminated medium [NASA-CASE-NPO-11013] GUNW RFFECT Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] Gunn effect microwave diodes with RF shielding [NASA-CASE-ERC-10119] Multiterminal Gunn-type semiconductor microwave generator for producing stable signals [NASA-CASE-XER-07895] Microwave generator using Gunn effect for magnetic tuning [NASA-CASE-NPO-12106] GYRATORS Design of gyrator circuit using operational amplifiers to replace ungrounded inductors [NASA-CASE-NAC-10608-1] Design of integrated circuit with two amplifiers
Spiral groove seal for hydraulic rotating shaft [NASA-CASE-LEW-10326-3] c15 N74-10474 Spiral groove seal for rotating shaft [NASA-CASE-XLE-10326-4] c15 N74-15125 GROUND EFFECT MACHINES Hovering type flying vehicle design and principle mechanisms for manned or unmanned use [NASA-CASE-MSC-12111-1] c02 N71-11039 Platform with several ground effect pads and plenum chambers [NASA-CASE-MFS-14685] c31 N71-15689 Tuhular guideway for high speed ground effect machines [NASA-CASE-LAR-10256-1] c11 N72-20253 Design and development of active control system for air cushion vehicle to reduce or eliminate effects of excessive vertical vibratory acceleration [NASA-CASE-LAR-10531-1] c02 N73-13023 GROUND HANDLING Supporting and protecting frame structure and	GUN LAUNCHERS Self-obturating gas-operated launcher for launching projectiles in decontaminated medium [NASA-CASE-NPO-11013] c11 N72-22247 GUNB RFFECT Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] c09 N71-18721 Gunn effect microwave diodes with RF shielding [NASA-CASE-XER-01019] c26 N72-21701 Multiterminal Gunn-type semiconductor microwave generator for producing stable signals [NASA-CASE-XER-07895] c26 N72-25679 Microwave generator using Gunn effect for magnetic tuning [NASA-CASE-NPO-12106] c09 N73-15235 GYRATORS Design of gyrator circuit using operational amplifiers to replace ungrounded inductors [NASA-CASE-XAC-10608-1] c09 N71-12517 Design of integrated circuit with two amplifiers and feedback stabilization for single channel gyrator
Spiral groove seal for hydraulic rotating shaft [NASA-CASE-LEW-10326-3] c15 N74-10474 Spiral groove seal for rotating shaft [NASA-CASE-XLE-10326-4] c15 N74-15125 GROUND EFFECT MACHINES Hovering type flying vehicle design and principle mechanisms for manned or unmanned use [NASA-CASE-MSC-12111-1] c02 N71-11039 Platform with several ground effect pads and plenum chambers [NASA-CASE-MFS-14685] c31 N71-15689 Tubular guideway for high speed ground effect machines [NASA-CASE-LAR-10256-1] c11 N72-20253 Design and development of active control system for air cushion vehicle to reduce or eliminate effects of excessive vertical vibratory acceleration [NASA-CASE-LAR-10531-1] c02 N73-13023 GROUND HANDLING Supporting and protecting frame structure and plug for empty thrust chamber assembly, handling, and shipping	GUN LAUNCHERS Self-obturating gas-operated launcher for launching projectiles in decontaminated medium [NASA-CASE-NPO-11013] c11 N72-22247 GUNN RFFECT Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] c09 N71-18721 Gunn effect microwave diodes with RF shielding [NASA-CASE-ERC-10119] c26 N72-21701 Multiterminal Gunn-type semiconductor microwave generator for producing stable signals [NASA-CASE-XER-07895] c26 N72-25679 Microwave generator using Gunn effect for magnetic tuning [NASA-CASE-NPO-12106] c09 N73-15235 GYRATORS Design of gyrator circuit using operational amplifiers to replace ungrounded inductors [NASA-CASE-XEC-10608-1] c09 N71-12517 Design of integrated circuit with two amplifiers and feedback stabilization for single channel gyrator
Spiral groove seal for hydraulic rotating shaft [NASA-CASE-LEM-10326-3] c15 N74-10474 Spiral groove seal for rotating shaft [NASA-CASE-XLE-10326-4] c15 N74-15125 GROUND EFFECT MACHINES Hovering type flying vehicle design and principle mechanisms for manned or unmanned use [NASA-CASE-MSC-12111-1] c02 N71-11039 Platform with several ground effect pads and plenum chambers [NASA-CASE-MFS-14685] c31 N71-15689 Tubular guideway for high speed ground effect machines [NASA-CASE-LAR-10256-1] c11 N72-20253 Design and development of active control system for air cushion vehicle to reduce or eliminate effects of excessive vertical vibratory acceleration [NASA-CASE-LAR-10531-1] c02 N73-13023 GROUND HANDLING Supporting and protecting frame structure and plug for empty thrust chamber assembly, handling, and shipping [NASA-CASE-XMF-00580] c11 N70-35383	GUN LAUNCHERS Self-obturating gas-operated launcher for launching projectiles in decontaminated medium [NASA-CASE-NPO-11013] c11 N72-22247 GUNB RFFECT Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] c09 N71-18721 Gunn effect microwave diodes with RF shielding [NASA-CASE-ERC-10119] c26 N72-21701 Multiterminal Gunn-type semiconductor microwave generator for producing stable signals [NASA-CASE-XER-07895] c26 N72-25679 Microwave generator using Gunn effect for magnetic tuning [NASA-CASE-NPO-12106] c09 N73-15235 GYRATORS Design of gyrator circuit using operational amplifiers to replace ungrounded inductors [NASA-CASE-IAC-10608-1] c09 N71-12517 Design of integrated circuit with two amplifiers and feedback stabilization for single channel gyrator circuit using NOS field effect transistors [NASA-CASE-MFS-22343-1] c09 N73-18224
Spiral groove seal for hydraulic rotating shaft [NASA-CASE-LEW-10326-3] c15 N74-10474 Spiral groove seal for rotating shaft [NASA-CASE-XLE-10326-4] c15 N74-15125 GROUND EFFECT MACHINES Hovering type flying vehicle design and principle mechanisms for manned or unmanned use [NASA-CASE-MSC-12111-1] c02 N71-11039 Platform with several ground effect pads and plenum chambers [NASA-CASE-MFS-14685] c31 N71-15689 Tuhular guideway for high speed ground effect machines [NASA-CASE-LAR-10256-1] c11 N72-20253 Design and development of active control system for air cushion vehicle to reduce or eliminate effects of excessive vertical vibratory acceleration [NASA-CASE-LAR-10531-1] c02 N73-13023 GROUND HANDLING Supporting and protecting frame structure and plug for empty thrust chamber assembly, handling, and shipping [NASA-CASE-XMF-00580] c11 N70-35383	GUN LAUNCHERS Self-obturating gas-operated launcher for launching projectiles in decontaminated medium [NASA-CASE-NPO-11013] c11 N72-22247 GUNW RFFECT Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-MER-07894] c09 N71-18721 Gunn effect microwave diodes with RF shielding [NASA-CASE-MER-0119] c26 N72-21701 Multiterminal Gunn-type semiconductor microwave generator for producing stable signals [NASA-CASE-MER-07895] c26 N72-25679 Microwave generator using Gunn effect for magnetic tuning [NASA-CASE-NPO-12106] c09 N73-15235 GYRATORS Design of gyrator circuit using operational amplifiers to replace ungrounded inductors [NASA-CASE-NAC-10608-1] c09 N71-12517 Design of integrated circuit with two amplifiers and feedback stabilization for single channel gyrator circuit using MOS field effect transistors [NASA-CASE-MFS-223433] c09 N73-18224 Gyrator circuit using MOS field effect transistors [NASA-CASE-MFS-21433] c09 N73-20232 Integrated circuit power gyrator with Z-matrix
Spiral groove seal for hydraulic rotating shaft [NASA-CASE-LEM-10326-3] c15 N74-10474 Spiral groove seal for rotating shaft [NASA-CASE-XLE-10326-4] c15 N74-15125 GROUBD EFFECT MACHINES Hovering type flying vehicle design and principle mechanisms for manned or unmanned use [NASA-CASE-MSC-12111-1] c02 N71-11039 Platform with several ground effect pads and plenum chambers [NASA-CASE-MFS-14685] c31 N71-15689 Tubular guideway for high speed ground effect machines [NASA-CASE-LAR-10256-1] c11 N72-20253 Design and development of active control system for air cushion vehicle to reduce or eliminate effects of excessive vertical vibratory acceleration [NASA-CASE-LAR-10531-1] c02 N73-13023 GROUND HANDLING Supporting and protecting frame structure and plug for empty thrust chamber assembly, handling, and shipping [NASA-CASE-XMF-00580] c11 N70-35383 GROUND STATIONS Traffic control system for supersonic transports using synchronous satellite for data relay	GUN LAUNCHERS Self-obturating gas-operated launcher for launching projectiles in decontaminated medium [NASA-CASE-NPO-11013] c11 N72-22247 GUNN RFFECT Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-MER-07894] c09 N71-18721 Gunn effect microwave diodes with RF shielding [NASA-CASE-MER-07894] c26 N72-21701 Multiterminal Gunn-type semiconductor microwave generator for producing stable signals [NASA-CASE-MER-07895] c26 N72-25679 Microwave generator using Gunn effect for magnetic tuning [NASA-CASE-NPO-12106] c09 N73-15235 GYRATORS Design of gyrator circuit using operational amplifiers to replace ungrounded inductors [NASA-CASE-MER-10608-1] c09 N71-12517 Design of integrated circuit with two amplifiers and feedback stabilization for single channel gyrator [NASA-CASE-MFS-22343-1] c09 N73-18224 Gyrator circuit using MOS field effect transistors [NASA-CASE-MFS-21433] c09 N73-20232 Integrated circuit power gyrator with Z-matrix design using parallel transistors
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	elements as heat nine devices
	elements as heat pipe devices
[NASA-CASE-GSC-11425-2] c09 N73-32114	elements as heat pipe devices [NASA-CASE-HFS-20333] c09 N71-13486
	elements as heat pipe devices [NASA-CASE-HFS-20333] c09 N71-13486 Double-mall isothermal cylinder containing heat
[NASA-CASE-GSC-11425-2] c09 N73-32114 HARHONIC GENERATORS Hideband generator for producing sine wave quadrature and second harmonic of input signal	elements as heat pipe devices [NASA-CASE-HFS-20333] c09 N71-13486
[NASA-CASE-GSC-11425-2] c09 N73-32114 HARHONIC GENERATORS Hideband generator for producing sine wave quadrature and second harmonic of input signal [NASA-CASE-NPO-11133] c10 N72-20223	elements as heat pipe devices [MASA-CASE-MFS-20333]
[NASA-CASE-GSC-11425-2] c09 N73-32114 HARHONIC GENERATORS Hideband generator for producing sine wave quadrature and second harmonic of input signal [NASA-CASE-NPO-11133] c10 N72-20223 HARNESSES	elements as heat pipe devices [NASA-CASE-HFS-20333]
[NASA-CASE-GSC-11425-2] c09 N73-32114 HARHONIC GENERATORS Hideband generator for producing sine wave quadrature and second harmonic of input signal [NASA-CASE-NPO-11133] c10 N72-20223 HARNESSES Helmet and torso tiedown nechanism for	elements as heat pipe devices [NASA-CASE-BFS-20333] c09 N71-13486 Double-Ball isothernal cylinder containing heat transfer fluid thernal reservoir as spacecraft insulation cover [NASA-CASE-BFS-20355] c33 N71-25353 Production of iodine isotope by high energy bombardment of cesium heat pipe causing
[NASA-CASE-GSC-11425-2] c09 N73-32114 HARHONIC GENERATORS Wideband generator for producing sine wave quadrature and second harmonic of input signal [NASA-CASE-NPO-11133] c10 N72-20223 HARBESSES Helmet and torso tiedown mechanism for shortening pressure suits upon inflation	elements as heat pipe devices [NASA-CASE-BFS-20333] c09 N71-13486 Double-wall isothermal cylinder containing heat transfer fluid thermal reservoir as spacecraft insulation cover [NASA-CASE-BFS-20355] c33 N71-25353 Production of iodine isotope by high energy bombardment of cesium heat pipe causing spallation reaction
[NASA-CASE-GSC-11425-2] c09 N73-32114 HARHONIC GREERATORS Hideband generator for producing sine wave quadrature and second harmonic of input signal [NASA-CASE-NPO-11133] c10 N72-20223 HARNESSES Helmet and torso tiedown mechanism for shortening pressure suits upon inflation [NASA-CASE-XHS-00784] c05 N71-12335	elements as heat pipe devices [NASA-CASE-HFS-20333] c09 N71-13486 Double-Hall isothernal cylinder containing heat transfer fluid thernal reservoir as spacecraft insulation cover [NASA-CASE-HFS-20355] c33 N71-25353 Production of iodine isotope by high energy bombardment of cessium heat pipe causing spallation reaction [NASA-CASE-LEB-11390-27] c24 N73-20763
[NASA-CASE-GSC-11425-2] c09 N73-32114 HARHONIC GREERATORS Hideband generator for producing sine wave quadrature and second harmonic of input signal [NASA-CASE-NPO-11133] c10 N72-20223 HARNESSES Helmet and torso tiedown mechanism for shortening pressure suits upon inflation [NASA-CASE-XHS-00784] c05.N71-12335 One hand backpack harness	elements as heat pipe devices [NASA-CASE-HFS-20333] c09 N71-13486 Double-Hall isothernal cylinder containing heat transfer fluid thernal reservoir as spacecraft insulation cover [NASA-CASE-HFS-20355] c33 N71-25353 Production of iodine isotope by high energy bombardment of cesium heat pipe causing spallation reaction [NASA-CASE-LEU-11390-2] c24 N73-20763 Heat pipe production of high purity radioiodine
[NASA-CASE-GSC-11425-2] c09 N73-32114 HARHONIC GENERATORS Wideband generator for producing sine wave quadrature and second harmonic of input signal [NASA-CASE-NPO-11133] c10 N72-20223 HARNESSES Helmet and torso tiedown mechanism for shortening pressure suits upon inflation [NASA-CASE-XHS-00784] c05 N71-12335 One hand backpack harness [NASA-CASE-LAR-10102-1] c05 N72-23085	elements as heat pipe devices [NASA-CASE-BFS-20333]
[NASA-CASE-GSC-11425-2] c09 N73-32114 HARHONIC GREERATORS Hideband generator for producing sine wave quadrature and second harmonic of input signal [NASA-CASE-NPO-11133] c10 N72-20223 HARNESSES Helmet and torso tiedown mechanism for shortening pressure suits upon inflation [NASA-CASE-XHS-00784] c05.N71-12335 One hand backpack harness	elements as heat pipe devices [NASA-CASE-HFS-20333] c09 N71-13486 Double-Hall isothernal cylinder containing heat transfer fluid thernal reservoir as spacecraft insulation cover [NASA-CASE-HFS-20355] c33 N71-25353 Production of iodine isotope by high energy bombardment of cesium heat pipe causing spallation reaction [NASA-CASE-LEU-11390-2] c24 N73-20763 Heat pipe production of high purity radioiodine

[NASA-CASE-GSC-11619-1] c33 N73-32028	[NASA-CASE-XMF-05279] c18 N71-16124
wethod of forming a wick for a heat pipe	Development and characteristics of thermal
[MASA-CASE-NPO-13391-1] c33 N74-19584	radiation shielding of refractory metal foil
PAWIT WAGE	used for induction furnace rwasa-case-xie-034321 c33 N71-24145
Thermal pump-compressor for converting solar	[NASA-CASE-XLE-03432] C33 N71-24145 Design and development of spacecraft with outer
energ♥	shell structure heat shielding and built-in,
[NASA-CASE-XLA-00377] c33 N71-17610	removable excursion module
Manually activated heat pump for mechanically	[NASA-CASE-MSC-13047-1] c31 %71-25434
converting human operator output into heat	Structure of fabric layers for micrometeoroid
energy f Na SA-CASE-MDO-10677 1 cos N72-11084	protection garment with capability for
[NASA-CASE-MPO-10677] COS 8/2-11084 Design and development of thermomechanical pump	eliminating heat shorts for use in
for transmitting warming fluid through fluid	manufacturing space suits
circuit to control temperature of spacecraft	[NASA-CASE-HSC-12109] c18 N71-26285
instrumentation	HEAT SINKS
[NASA-CASE-NPO-11417] c15 N73-24513	Thermal conductive, electrically insulated
REAT PARTATORS	cleavable adhesive connection between
Capillary radiator for carrying heat transfer	electronic module and heat sink [NASA-CASE-XMS-02087] c09 N70-41717
liquid in planetary spacecraft structures	[NASA-CASE-XMS-02087] C09 B70-41717 Development and characteristics of calorimeter
CNASA-CASE-XLE-03307] C33 N/1 14033	with integral heat sink for maintenance of
Hydraulic actuator design for space deployment	constant temperature
of heat radiators	[NASA-CASE-XMF-04208] c33 N71-29051
[NASA-CASE-MSC-11817-1] c15 N71-26611	HEAT SOURCES
Development of method and equipment for testing	Black body radiometer design with temperature
heat radiative properties of material under controlled environmental conditions	sensing and cavity heat source cone winding
[NASA-CASE-MFS-20096] C14 N71-30026	[NASA-CASE-XNP-09701] C14 N71-26475
HRAT RESISTANT ALLOYS	Radioactive isotope capsule container design for
Preparation of nickel alloys for jet turbine	atmospheric reentry protection and heat
blades operating at high temperatures	transmission to spacecraft (NASA-CASE-LEW-11227-11
[NASA-CASE-XLE-00151] C1 / N/U-33203	[NASA-CASE-LEW-11227-1]
Nickel alloy series for aerospace structures	Thermally cascaded thermoelectric generator with
subjected to high temperatures	radioisotopic heat source [WASA-CASE-NPO-10753] c03 N72-26031
[NASA-CASE-XLE-00283] c17 N70-36616	HEAT TRANSPER
High temperature cobalt-base alloy resistant to	Thermal switch for transferring excess heat from
corrosion by liquid metals and to sublimation	one region to another heat dissipating one
in vacqum environment fnasa-case-xle-029911 c17 N71-16025	[NASA-CASE-INP-00463] c33 N70-36847
[NASA-CASE-XLE-02991] C1/ N/1-16025 Brazing alloy adapted for brazing corrosion	Sandwich panel Structure for removing heat from
resistant steel to refractory metals, also for	shield between hot and cold areas
brazing refractory metals to other refractory	[NASA-CASE-XLA-00349] c33 N70-37979
metals	Apparatus for cryogenic liquid storage with heat
CNASA-CASE-XNP-030631 C17 N71-23365	transfer reduction and for liquid transfer at
Intermetallic coating for nickel based superalloy	zero gravity conditions [wasa-case-xie-00345] c15 N70-38020
[NASA-CASE-LEW-11348-1] C17 N72-25517	
Superalloys from prealloyed powders at high	Method for improving heat transfer characteristics in nucleate boiling process
temperatures (NASA-CASE-LEW-10805-1) c15 N73-13465	[NASA-CASE-XMS-04268] C33 N71-16277
[NASA-CASE-LEW-10805-1] c15 N73-13465 Refractory porcelain enamel passive thermal	Design and development of device for cooling
control coating for high temperature alloys	inner conductor of coaxial cable
[NASA-CASE-MYS-22324-1] c18 N73-21471	[NASA-CASE-XNP-09775] C09 N71-20445
Development of method for fabricating cermets	Heat sensing instrument, using thermocouple
and analysis of various compositions to show	junction connected under heavy conducting
electrical and physical properties	material
[NASA-CASE-NPO-13120-1] c18 N73-23629	[NASA-CASE-XLA-01551] c14 N71-22989
Method of making pressure tight seal for super	Mixed liquid and vapor phase analyzer design with thermocouples for relative heat transfer
alloy	measurement
[NASA-CASE-LAR-10170-1] c15 N74-11301	[NASA-CASE-NPO-10691] C14 N71-26199
Method of forming articles of manufacture from	Development and characteristics of cooling
superalloy powders [NASA-CASE-LEW-10805-2] c15 N74-13179	system to maintain temperature of rack mounted
HEAT SHIELDING	electronic modules
Heat flux sensor assembly with proviso for heat	[NASA-CASE-MSC-12389] c33 N71-29052
shield to reduce radiative transfer between	Development of method and equipment for testing
sensor elements	heat radiative properties of material under
[NASA-CASE-XMS-05909-1] c14 N69-27459	controlled environmental conditions
Oven for heat treating heat shields	[NASA-CASE-MPS-20096] C14 N71-30026 Manually activated heat pump for mechanically
[NASA-CASE-XHS-04318] c15 N69-27871	converting human operator output into heat
Compact heat shielding for interplanetary space	energy
vehicles rwasa-case-xws-004861 c33 N70-33344	[NASA-CASE-NPO-10677] c05 N72-11084
[MASA-CASE-KHS-00486] c33 N70-33344 Sandwich panel structure for removing heat from	Bigh intensity radiant energy pulse source for
shield between hot and cold areas	calibrating heat transfer gages with
[NASA-CASE-XLA-00349] c33 N70-37979	thermoluminescent shutter activation
Aerodynamic configuration of reentry vehicle	[NASA-CASE-ARC-10178-1] c09 N72-17152
heat shield to provide longitudinal and	Development of thermocouple instrument for
directional stability at hypersonic velocities	measuring temperature of wall heated by
[NASA-CASE-XMS-04142] c31 N70-41631	flowing fluid without disturbing boundary layer
Transpirationally cooled heat ablation system	[NASA-CASE-NAE-05230] c14 N72-27410 Design and development of device for moving
for interplanetary spacecraft reentry shielding	liquid through pipes without use of mechanical
[NASA-CASE-KES-02677] c31 H70-42075	tidata catoada bibas atmost asa or macamatana
Synthesis of azine polymers for heat shields by azine-aromatic aldehyde reaction	[NASA-CASE-LAR-10799-1] c12 H73-12295
[NASA-CASE-XMF-08656] c06 N71-11242	Development and characteristics of thermal
Synthesis of Schiff bases for heat shields by	control system for maintaining constant
acetal amine reactions	temperature within spacecraft module with wide
[NASA-CASE-XHP-08652] c06 N71-11243	variations of component heat transfer
Preparation and characteristics of lightweight	[NASA-CASE-GSC-11018-1] c31 N73-30829
refractory insulation	

Thermal flux transfer system for maintaining thrust chamber of operative reaction motor at	[NASA-CASE-IMF-06888] c15 N71-24044
given temperatures	HELICH-ERON LASERS Design and development of multichannel laser
[NASA-CASE-NPO-12070-1] c28 N73-32606	remote control system using modulated
Electrostatically controlled heat transfer system for conducting thermal energy	helium-neon laser as transmitter and light
[NASA-CASE-NPO-11942-1] c33 N73-32818	collector as receiving antenna [NASA-CASE-LAR-10311-1] c16 N73-16536
Heat transfer device	HELHETS
[NASA-CASE-NPO-11120-1] c33 N74-18552	Transparent polycarbonate resin, shell helmet
Radioactive isotope capsule container design for	and latch design for high altitude and space flight
atmospheric reentry protection and heat	[NAŠA-CASE-XHS-04935] c05 N71-11190
transmission to spacecraft [NASA-CASE-LEH-11227-1] c33 N71-35153	Electrode attached to helmets for detecting low
[NASA-CASE-LEH-11227-1] c33 N71-35153 BEAT TREATHENT	level signals from skin of living creatures [NASA-CASE-ARC-10043-1] c05 N71-11193
High speed infrared furnace	Venting device for pressurized space suit helmet
[NASA-CASE-XLE-10466] c17 N69-25147 Oven for heat treating heat shields	to eliminate womit expelled by crewmen
[NASA-CASE-XES-04318] c15 N69-27871	[NASA-CASE-XHS-09652-1] c05 N71-26333 HEHISPHERICAL SHELLS
Vacuum method for molding thermosetting	Light baffle with oblate hemispheroid surface
compounds used as ablative materials [NASA-CASE-XIA-01091] c15 k71-10672	and shading flange, [NASA-CASE-NPO-10337] c14 N71-15604
Production of refractory bodies with controlled	HERRETIC SEALS
porosity by pressing and heating mixtures of	Piston in bore cutter for severing parachute
refractory and inert metal ponders [NASA-CASE-LEM-10393-1] c17 N71-15468	control lines and sealing cable hole to prevent water leakage into load
White paint production by heating impure .	[NASA-CASE-INS-04072] c15 N70-42017
aluminum silicate clay having low solar	Hermetically sealed explosive release mechanism
absorptance (MASA-CASE-XMP-02139) c18 M71-24184	for actuator device [NASA-CASB-XGS-00824] c15 N71-16078
Method for diffusion welding dissimilar metals	Sealing apparatus for joining two pieces of
in vacuum chamber [NASA-CASE-GSC-10303] c15 N72-22487	frangible materials
[NASA-CASE-GSC-10303] c15 N72-22487 Development of method for fabricating cermets	[NASA-CASE-XLA-01494] c15 N71-24164 Bethod for locating leaks in hermetically sealed
and analysis of various compositions to show	containers
electrical and physical properties [NASA-CASE-NPO-13120-1] c18 N73-23629	[NASA-CASE-ERC-10045] c15 N71-24910
Bethod of heat treating a formed powder product	Hermetically sealed vibration damper design for use in gimbal assembly of spacecraft inertial
material	guidance system
[NASA-CASE-LEW-10805-3] c17 W74-10521 An improved heat sterilizable patient ventilator	[NASA-CASE-MSC-10959] c15 N71-26243 Hethod of forming ceramic to metal seals
[NASA-CASE-NPO-13313-1] c05 N74-17858	impervious to gaseous and liquid mercury at
Diffusion welding heat treatment of nickel	high temperature
alloys following single step vacuum welding process	[NASA-CASE-XNP-01263-2] c15 N71-26312 Pressure seals suitable for use in environmental
[NASA-CASE-LEH-11388-2] c15 N74-21055	test chambers
HEATERS Reliable electrical element heater using plural	[NASA-CASE-NPO-10796] c15 N71-27068
wire system and backup power sources	Rermetic sealing device for ends of tubular . bodies during materials testing operations
[NASA-CASE-MFS-21462-1] c09 N74-14935	[NASA-CASE-NPO-10431] c15 N71-29132
HRATING Development of system for preheating vaporized	Hermetically sealed elbow actuator for use in severe environments
fuel for use with internal combustion engines	[NASA-CASE-MPS-14710] c09 N72-22195
[NASA-CASE-NPO-12072] c28 N72-22772 Diffusion welding in air solid state welding	Portable device for detecting pneumatic pressure
of butt joint by fusion melding, surface	leaks in hermetically sealed housings {NASA-CASE-MFS-21761-1} c14 N73-18444
cleaning, and heating	Heat transfer device
[NASA-CASE-LEH-11387-1] c15 N74-18128 REATING RQUIPHENT	[NASA-CASE-NPO-11120-1] c33 N74-18552
Using heat control unit to preheat circulating	Use of enzyme hexokinase and glucose to reduce
fluid	inherent light levels of ATP in luciferase
[NASA-CASE-MMP-04237] c33 N71-16278 Electric arc heater with supersonic nozzle and	compositions [NASA-CASE-XGS-05533] c04 N69-27487
fixed arc length for use in high temperature	HIGH ACCRLERATION
wind tunnels	Astronaut restraint suit for high acceleration
[NASA-CASE-NAC-01677] c09 N71-20816 Radial heat flux transformer for use in heating	protection [NASA-CASR-XAC-00405] c05 N70-41819
and cooling processes	HIGH ALTITUDE
[NASA-CASE-NPO-10828] c33 N72-17948 Self-cycling fluid heater for heating continuous	Compact bellows spirometer for high speed and
fluid stream to ultrahigh temperatures to	high altitude space travel [NASA-CASE-IAB-01547] c05 N69-21473
facilitate chemical reactions	RIGH ALTITUDE ENVIRONMENTS
[NASA-CASE-MSC-15567-1] C33 N73-16918 HELICAL ANTENNAS	Hethod of making solid propellant rocket motor
Heatherproof helix antenna	having reliable high altitude capabilities, long shelf life, and Capable of firing with
[NASA-CASE-XKS-08485] c07 N71-19493	nozzle closure with foamed plastic permanent
Collapsible high gain antenna which can be automatically expanded to operating state	mandrel [NASA-CASE-XLA-04126] c28 N71-26779
[NASA-CASE-KSC-10392] c07 N73-26117	CEGE ASPECT RATIO
BELICOPTER BARES	Aerospace configuration with low and high aspect
Variable geometry rotor system for direct control over make vortex	ratio variability for high and low speed flight [NASA-CASE-XLA-00142] CO2 N70-33286
[NASA-CASE-LAR-10557] c02 N72-11018	Aerodynamic configuration for mircraft capable
HRLIUG Helium refining by superfluidity	of high speed flight and low drag for low
[NASA-CASE-XNP-00733] c06 N70-34946	speed takeoff or landing upon presently existing airfields
Apparatus and method capable of receiving large	[NASA-CASE-KLA-Q0806] c02 N70-34858
quantity of high pressure helium, renoving impurities, and discharging at received pressure	HIGH ENERGY INTERACTIONS Converging coaxial plasma accelerator for
·	TOTAL THE THE PERSON TO THE PE

	strength at high temperatures
generating dense high velocity plasma bursts	[NASA-CASE-LEW-10424-2-2] c18 N72-25539
[NASA-CASE-ARC-10109] C25 N71-29181 BIGH PREQUENCIES	HIGH STRENGTH ALLOYS
Apparatus for ballasting high frequency	High strength, corrosion resistant cobalt-based
transistors	alloys for aerospace structures [NASA-CASE-XLE-00726] c17 N71-15644
[MASA-CASE-XGS-05003] c09 N69-24318 Holder for high frequency crystal resonators	High strength aluminum casting alloy for
[MASA=CASE=XNP=03637] C15 M/1=21511	cryogenic applications in aerospace engineering
multiple varactor for generating high	[NASA-CASE-IMF-02786] c17 N71-20743 Production of high strength refractory compounds
frequencies with high power and high	and microconstituents into refractory metal
conversion efficiency [NASA-CASE-IMF-04958-1] c10 N71-26414	matrix
UTCH DASS BTLTRBS	[NASA-CASE-ILE-03940] c18 N71-26153 High strength nickel based alloys
Radio frequency coaxial filter to provide do isolation and low frequency signal rejection	FNASA-CASE-LEW-10874-11 C17 N72-22535
in audio range	Cobalt-tungsten alloys with superior strength at
[NASA-CASE-IGS-01418] c09 N71-23573	elevated temperatures [NASA-CASE-LEW-10436-1] c17 N73-32415
BIGH POLYMERS Shock and wibration damping device using	HIGH STRENGTH STEELS
temperature sensitive solid amorphous polymers	Prevention of hydrogen embrittlement of high
[NASA-CASE-XAC-11225] c14 N69-27486	strength steel by additive potassium hydroxide in hydrazine
HIGH PRESSURE High-temperature, high-pressure spherical	[NASA-CASE-NPO-12122-1] c27 N74-20397
segment valve	HIGH TEMPERATURE
[NASA-CASE-XAC-00074] C15 N70-34817	High temperature source of thermal radiation (NASA-CASE-XLE-004901 c33 N70-34545
High pressure four-way valve with O ring adapted	[NASA-CASE-XLE-00490] c33 N70-34545 Thermionic diode switch for use in high
to pass across inlet port [NASA-CASE-INP-00214] c15 N70-36908	temperature region to chop current from dc
Compact high pressure filter for rocket fuel lines	SOUTCE
[NASA-CASE-INP-00732] C28 N70-4144/	[NASA-CASE-NPO-10404] c03 N71-12255 Hypersonic test facility for studying ablation
Antiflutter check valve for use with high pressure fluid flow	in models under high pressure and high
rnasa-case-xnp-01152] c15 n70-41811	temperature
High pressure liquid flow sight assembly for	[NASA-CASE-XLA-00378] C11 N/1-15925 Process for fiberizing ceramic materials with
wide temperature range applications including cryogenic fluids	high fusion temperatures and tensile strength
rnasa-case-xie-029981 c14 N70-42074	[NASA-CASE-XNP-00597]
Structural design of high pressure regulator valve	Induction heating of metallurgical specimens to high temperatures in coil furnace
[NASA-CASE-KNP-00710] c15 N71-10778 Hypersonic test facility for studying ablation	[NASA-CASE-XLE-04026]
in models under high pressure and high	Method of forming ceramic to metal seals
temperature [NASA-CASE-XLA-00378]	<pre>impervious to gaseous and liquid mercury at high temperature</pre>
[NASA-CASE-KLA-00378] c11 N71-15925 Development and characteristics of high pressure	(NASA-CASE-INP-01263-2) c15 N71-26312
control walve	method for making fiber composites with high
[NASA-CASE-HSC-11010] c15 N71-19485	strength at high temperatures [NASA-CASE-LEW-10424-2-2] c18 M72-25539
valve seat with resilient support ring for venting valves subjected to high pressure	Superalloys from prealloyed powders at high
sealing loads	temperatures r n n n n n n n n n n n n n n n n n n
[NASA-CASE-XKS-02582] c15 #71-21234 Apparatus and method capable of receiving large	[NASA-CASE-LEW-10805-1] c15 N73-13465 BIGH TEMPERATURE AIR
quantity of high pressure helium, removing	Apparatus and method for generating large mass
impurities, and discharging at received pressure [NASA-CASE-XMF-06888] c15 N71-24044	flow of high temperature air at hypersonic speeds
[NASA-CASE-XMF-06888] c15 M/1-24044 Liquid aerosol dispenser with explosively driven	[NASA-CASE-LAR-10612-1] c12 N73-28144
piston to compress light gas to extremely high	HIGH TEMPERATURE ENVIRONMENTS
pressure [NaSA-CASE-MFS-20829]	High speed infrared furnace [NASA-CASE-KLE-10466] c17 N69-25147
[NASA-CASE-MFS-20829] C12 N/2-27310 HIGH RESOLUTION	Nickel allow series for aerospace structures
High resolution radar transmitting system for	subjected to high temperatures
transmitting optical pulses to targets [NASA-CASE-NPO-11426] c07 N73-26119	[NAŠA-CASE-NLE-00283] c17 N70-36616 Water cooled gage for strain measurements in
[NASA-CASE-NPO-11426] CO7 N73-26119 Focusing optical collimator for high resolution	high temperature environments
scanning of electromagnetic radiations,	[NASA-CASE-XNP-09205] c14 N71-17657
neutrons, and other particles [NASA-CASE-MFS-20932-1] c14 N73-27380	HIGH TEMPERATURE PLUIDS Self-cycling fluid heater for heating continuous
[NASA-CASE-MFS-20932-1] C14 N73-2/380 HIGH SPEED	fluid stream to ultrahigh temperatures to
Compact bellows spirometer for high speed and	facilitate chemical reactions [NASA-CASE-MSC-15567-1] c33 N73-16918
high altitude space travel (NASA-CASE-XAR-01547) c05 N69-21473	[NASA-CASE-MSC-15567-1] c33 N73-16918 HIGH TEMPERATURE GASES
[NASA-CASE-XAR-01547] COS N69-214/3 High speed low level voltage commutating switch	Multiple wavelength radiation measuring
[NASA-CASE-XAC-00060] c09 N70-39915	instrument for determining hot body or gas
Impact testing machine for imparting large impact forces on high velocity packages	temperature [NASA-CASE-XLE-00011] c14 N70-41946
[NASA-CASE-XNP-04817] c14 N71-23225	Ablative resins used for retarding regression in
Plow meter for measuring stagnation pressure in	ablative material [NASA-CASE-XLE-05913] c33 N71-14032
boundary layer around high speed flight wehicle [MASA-CASE-XFR-02007] c12 N71-24692	Transient heat transfer gage for measuring total
method for reducing mass of ball bearings for	radiant intensity from far ultraviolet and
long life operation at high speed	ionized high temperature gases [NASA-CASE-XNP-09802] c33 M71-15641
[NASA-CASE-LEW-10856-1] C15 N72-22490 Two stage light gas plasma projectile accelerator	Generation of high temperature, high mass flow,
[NASA-CASE-MFS-22287-1] c11 N74-18891	and high Reynolds number air at hypersonic
HIGH SPEED CAMERAS Electrically operated rotary shutter for	speeds [NASA-CASE-LAR-10578-1] c12 N73-25262
television camera aboard spacecraft	BIGH TEMPERATURE LUBRICANTS
[NASA-CASE-XNP-00637] c14 N70-40273	Production of barium fluoride-calcium fluoride composite lubricant for bearings or seals
HIGH STEERSTE Method for making fiber composites with high	[NASA-CASE-XLE-08511-2] c18 N71-16105
	T70

Self lubricating fluoride-metal composite	HOLE HOBILITY
materials for outer space applications [NASA-CASE-YLE-08511] c18 N71-23710	Hole mobility of deposited semiconductor films
HIGH TEMPERATURE PLASMAS	in vacuum utilizing thermal gradient [NASA-CASE-XKS-04614] c15 N69-21460
Apparatus for producing highly conductive, high	HOLOGRAPHY
temperature electron plasma with homogenous	Development of focused image holography with
temperature and pressure distribution [NASA-CASE-XLA-00147]	extended sources [NASA-CASE-ERC-10019] c16 N71-15551
EIGH TREPERATURE PROPELLANTS	Bybrid holographic system using reference,
Development of system for delivering vaporized	transmitted, and reflected beams simultaneously
mercury to electron bombardment ion engine	[NASA-CASE-MFS-20074] c16 N71-15565
[NASA-CASE-NPO-10737] c28 N72-11709 HIGH TEMPERATURE RESEARCH	Recording and reconstructing focused image holograms
Pire retardant polyisocyanurate foam with high	[NASA-CASE-ERC-10017] c16 N71-15567
temperature resistance	Method and means for recording and
[NASA-CASE-ARC-10280-1] c18 N70-34695	reconstructing holograms without use of
Gas cooled high temperature thermocouple [NASA-CASE-XLE-09475-1] c33 N71-15568	reference beam [NASA-CASE-ERC-10020] c16 N71-26154
Patigue testing apparatus with light shield and	Multiple image storing system for obtaining
infrared reflector for high temperature	holographic record on film of high speed
evaluation of loaded sheet samples [NASA-CASE-XLA-01782] c14 N71-26136	projectile
[NASA-CASE-XLA-01782] c14 N71-26136 HIGH TEMPERATURE TESTS	[NASA-CASE-MFS-20596] c14 N72-17324 Development of technique for producing holograms
High-temperature, high-pressure spherical	using propagation of surface waves within
segment valve	layer of photosensitive material
[NASA-CASE-XAC-00074] c15 N70-34817 Test apparatus for determining mechanical	[NASA-CASE-MFS-22040-1] c16 N73-26500
properties of refractory materials at high	Thin film analyzer utilizing holographic techniques
temperatures in vacuum or inert atmospheres	[NASA-CASE-MFS-20823-1] c16 N73-30476
[NASA+CASE-XLE-00335] c14 N70-35368.	Holographic system for nondestructive testing
Apparatus for testing metallic and nonmetallic beams or rods by bending at high temperatures	[NASA-CASE-MFS-21704-1] c16 N73-30478
in vacuum or inert atmosphere	Method and apparatus for checking the stability of a setup for making reflection type holograms
[NASA-CASE-XLE-01300] c15 N70-41993	[NASA-CASE-NFS-21455-1] c16 N74-15146
HIGH VACUUM	Real time moving scene holographic camera system
<pre>\$poxy resin sealing device for electrochemical cells in high vacuum environments</pre>	[NASA-CASE-MFS-21087-1] c14 N74-17153 HOHING DEVICES
[NASA-CASE-XGS-02630]	Location identification system with ground based
Device for high vacuum film deposition with	transmitter and aircraft borne receiver/decoder
electromagnetic ion steering	[NASA-CASE-ERC-10324] C07 N72-25173
[NASA-CASE-NPO-10331] c09 N71-26701 Absolute pressure measuring device for measuring	ROWEYCOMB CORES Technique for making foldable, inflatable,
gas density level in high vacuum range	plastic honeycomb core panels for use in
[NASA-CASE-LAR-10000] c14 N73-30394	building and bridge structures, light and
Space environmental work simulator with portions	radio wave reflectors, and spacecraft
of space suit mounted to vacuum chamber wall	[NASA-CASE-XLA-03492] c15 N71-22713 Heat treatment and tooling for forming shapes
[NASA-CASE-IMF-07488] c11 N71-18773	from thermosetting honeycomb core sheets
HIGH VOLTAGES	[NASA-CASE-NPO-11036] c15 N72-24522
Bollow spherical electrode for shielding dielectric junction between high voltage	Honeycomb core structures of minimum surface tubule sections
conductor and insulator	[NASA-CASE-ERC-10363] c18 N72-25541
[NASA-CASE-XLE-03778] c09 N69-21542	HONEYCOHD STRUCTURES
High Voltage cable for use in high intensity ionizing radiation fields	Filling honeycomb matrix with deaerated paste filler
[NASA-CASE-XNP-00738] C09 N70-38201	[NASA-CASE-XHS-01108] c15 N69-24322
High voltage pulse generator for testing flash	Inflatable honeycomb panel element for
and ignition limits of nonmetallic materials	lightweight structures usable in space
in controlled atmospheres [NASA-CASE-MSC-12178-1] c09 N71-13518	stations and other construction [NASA-CASE-XLA-00204] c32 N70-36536
High woltage transistor circuit	[NASA-CASE-ILA-00204] c32 N70-36536 Fluid flow control valve for regulating fluids
[NASA-CASE-XNP-06937] c09 N71-19516	in molecular quantities ,
High voltage divider system for attenuating high voltages to convenient levels suitable for	[NASA-CASE-XLE-00703] c15 N71-15967
introduction to measuring circuits	Method and apparatus for fabrication of heat insulating and ablative reentry structure
[NASA-CASE-XLE-02008] C09 N71-21583	[NASA-CASE-XMS-02009] c33 N71-20834
HISTOGRAMS	Nethod for honeycomb panel bonding by
System for storing histogram data in optimum number of elements	thermosetting film adhesive with electrical heat means
[NASA-CASE-XNP-09785] c08 N69-21928	[NASA-CASE-XMF-01402] c18 N71-21651
HOLDRAS	Development of thermal insulation material for
<pre>Bater cooled contactors for holding rotating carbon arc anode</pre>	insulating liquid hydrogen tanks in spacecraft
[NASA-CASE-IMS-03700] c15 N69-24266	[NASA-CASE-INF-05046] c33 N71-28892 Honeycomb panels of minimal surface, periodic
Quick disconnect latch and bandle combination	tubule layers
for mounting articles on walls or supporting	[NASA-CASE-ERC-10364] c18 N72-25540
bases in spacecraft under zero gravity conditions	Development of manually operated tool for facing
[NASA-CASE-MPS-11132] c15 N71-17649	exposed end to insert installed in honeycomb panel
Holder for high frequency crystal resonators	[NASA-CASE-MFS-21485-1] c15 N72-31490
[NASA-CASE-XNP-03637] c15 N71~21311 Design and construction of mechanical probe for	Development of process for bonding resinous body
determining if object is properly secured	in cavities of honeycomb structures [NASA-CASE-MSC-12357] c15 m73-12489
[NASA-CASE-MFS-20760] c14 N72-33377	[NASA-CASE-RSC-12357]
HOLE DISTRIBUTION (MECHANICS)	Design and development of device to prevent
Adjustable hole cutter for forming circular openings	clogging in hoppers containing particulate materials
[NASA-CASE-MFS-22649-1] C15 N73-32376	[NASA-CASE-LAR-10961-1] c15 N73-12496

HORIZON SCANNERS	HUGONICT EQUATION OF STATE
Oscillatory electromagnetic mirror drive system	Method for determining density of impacting
for horizon scanners	particles by using Hugoniot curves [NASA-CASE-LAR+11059-1] c30 N73-26838
[NASA-CASE-XLA-03724] C14 Nb3-2/401	HULLS (STRUCTURES)
Multi-lobar scan horizon sensor	Efficient operation of improved hydrofoil design
[NASA-CASE-XGS-00809] c21 N70-35427 Attitude orientation control of spin stabilized	[NASA-CASE-XLA-00229] c12 N70-33305
final stage space vehicles, using horizon	BUMAN BRINGS
scanners	Method and apparatus for applying compressional
rmaca_cace=yta=002811	forces to skeletal structure of subject to simulate force during ambulatory conditions
Clamped amplifier circuit for horizon scanner	[NASA-CASE-ARC-10100-1] c05 N71-24738
enabling amplification and accurate measurement of specified parameters	Automatic braking device for rapidly
r was A_cas R= vGS= 017841	transferring humans or materials from elevated
Horizon sensor design with digital sampling of	location [NASH-CASR-XKS-07814]
spaced radiation-compensated thermopile	Lundin ones and accord
infrared detectors	HOMAN BODY Apparatus for measuring human body mass in zero
[NASA-CASE-XNP-06957] c14 N71-21088 Method and equipment for locating earth infrared	or reduced gravity environment
horizon from space, independent of season and	[NASA-CASE-XMS-03371] c05 b70-42000
latitude	Electromedical garment, applying
[NASA-CASE-LAR-10726-1] c14 N73-20475	vectorcardiologic type electrodes to human
PARTZANTAL SPACECRAPT LANDING	torsos for data recording during physical activity
Delta winged, manned reentry vehicle capable of	f NASA-CASE-IPR-10856] C05 N71-11189
horizontal glide landing at low speeds [NASA-CASE-XLA-00241] c31 N70-37986	Thermoregulating with cooling flow pipe network
HORIZONTAL TAIL SURPACES	for humans
Development and characteristics of translating	[NASA-CASE-XMS-10269]
horizontal tail assembly for supersonic aircraft	Elastomeric extensometer for measuring surface
[NASA-CASE-XLA-08801-1] C02 N71-11043	area changes of human body caused by body expansion and contraction
HORN ANTENNAS	r nåsa-casb- mfs-2104911 c14 n73-11405
Device for improving efficiency of parabolic horn antenna system for linearly polarized	Tilting table for testing human body in variety
signals	of positions while exercising on ergometer or
rnása-case-xnp-00611] c09 n70-35219	other biomedical devices (NaSA-CASR-MES-21010-11 c05 N73-30078
nevice for improving efficiency of parabolic	I have even his rivia il
reflector horn for linearly or clrcularly	HUMAN PACTORS ENGINEERING Shock absorbing couch for body support under
polarized waves (NASA-CASE-YNP-005401	high acceleration or deceleration forces
(NASA-CASE-XNP-00540) C09 N70-35382 Characteristics of antenna horn feeds consisting	r NASA-CASE-XMS-01240] c05 N70-35152
of central horn with overlapping peripheral	Harness assembly adapted to support man on
horns	ground based apparatus which simulates
[NASA-CASE-GSC-10452] c07 N71-12396	weightlessness [NASA-CASE-MFS-14671] c05 N71-12341
Multiple mode horn antenna with radiation	Multiple circuit switch apparatus requiring
pattern of equal beamwidths and suppressed sidelobes	minimum hand and eye movement by operator
rnasa-case-xnp-010571 c07 n71-15907	[NASA-CASE-XAC-03777] C10 N71-15909
Multipurpose microwave antenna, employing dish	Remote control device operated by movement of
reflector with plural coaxial born feeds	finger tips for manual control of spacecraft
[NASA-CASE-NPO-11264] c07 N72-25174	attitude [NASA-CASE-XAC-02405] c09 N71-16089
HOT CATHODES Improved cathode containing barium carbonate	besign and development of flexible tunnel for
block and heated tungsten screen for electron	use by spacecrews in performing extravehicular
hombardment ion thrustor	activities [NASA-CASE-MSC-12243-1]
[NASA-CASE-XLE-07087] c06 N69-39889	[NASA-CASE-MSC-12243-1] c05 N71-24728 Development of apparatus and method for
HOT PRESSING	quantitatively measuring brain activity as
Cermet for nuclear fuel constructed by pressing metal coated ceramic particles in die at	automatic indication of sleep state and level
temperature to cause bonding of metal	of consciousness
coatings, and tested for thermal stability	[NASA-CASE-MSC-13282-1] c05 N71-24729
[NASA-CASE-LEW-10219-1] C18 N71-28729	Recording apparatus [NASA-CASE-LAR-11353-1] C14 N74-20020
HOT WORKING	
Hot forming of plastic sheets (NASA-CASR-XMS-055161 c15 N71-17803	HUMAN PERFORMANCE Optical vision testing unit for testing eyes and
[NASA-CASE-XMS-05516] C15 N71-1/803 HOT-WIRE FLOWERTERS	visual system of human subject
Hot-wire liquid level detector for cryogenic	[NASA-CASE-MSC-13601-1] c05 N72-11088
propellants	Color perception tester for testing color code
[NASA-CASE-XLE-00454] C23 N71-17802	perceptiveness of individuals FNASA-CASE-KSC-102781 C05 N72-16015
HOUSINGS	[NASA-CASE-KSC-10278] CO5 N72-16015 HUMAN REACTIONS
Sealed housing for protecting electronic equipment against electromagnetic interference	Reaction tester for testing reaction to light
[NASA-CASE-MSC-12168-1] CO9 N71-18600	stimuli
Open type urine receptacle with tubular housing	[NASA-CASE-NSC-13604-1] c05 N73-13114
[NASA-CASE-MSC-12324-1] C05 N72+22093	Reduced gravity fecal collector seat and urinal
Readily assembled universal environment housing	[NASA-CASE-MFS-22102-1] cos N74-20725
for electronic equipment FNASA-CASE-KSC-100311 c15 N72-22486	EYBRID COMPUTERS
[NASA-CASE-KSC-10031] C15 N72-22486 Gas flow control device, including housing and	Adaptive voting computer system
input port	[NASA-CASE-MSC-13932-1] COS N74-14920
[NASA-CASE-NPO-11479] c15 N73-13462	HIBRID PROPELLANTS
Cryogenic gyroscope housing with annular	Liner for hybrid solid propellants to bind
disks for gas spin-up [NASA-CASE-MFS-21136-1] c23 N74-18323	propellant to rocket motor case [NASA-CASE-XMF-09744] c27 N71-16392
[NASA-CASE-MFS-21136-1] C23 N/4-18323 Heat transfer device	HYDRAULIC CONTROL
[NASA-CASE-NPO-11120-1] c33 N74-18552	Shear modulated fluid amplifier of high pressure
HOVERING	hydraulic wortex amplifier type
Hovering type flying vehicle design and	[NASA-CASE-MFS-10412] c12 N71-17578 Throttle valve for regulating fluid flow volume
principle mechanisms for manned or unmanned use [NASA-CASE-MSC-12111-1] c02 N71-11039	[NASA-CASE-XNP-09698] c15 M71-18580
[NASA-CASE-ESC-12111-1] CO2 N71-11039	F man

Fluidic-thermochromic display device	[NASA-CASE-XLE-00010] c15 N70-33382
[NASA-CASE-ERC-10031] c12 N71-18603 Development and characteristics of variable	HYDROCARBONS
qispiacement fluid pump for tranforming	Solid propellant containing hydrazinium nitroformate oxidizer and polymeric
nydraulic pressures	hydrocarbon binder
[NASA-CASE-NPS-20830] c15 N71-30028 HYDRAULIC EQUIPHENT	[NASA-CASE-NPO-12015] c27 n73-16764
Hydraulic support equipment for full scale	HYDRODYNARICS
qynamic testing of large rocket wehicle under	Heat operated cryogenic electrical generator using liquid helium conversion
free flight conditions	[NASA-CASE-NPO-13303-1] CO3 X74-19701
[NASA-CASE-XMF-01772] c11 N70-41677	HYDROFOILS
Mydraulic support apparatus for dynamic testing of space vehicles under near-free flight	Efficient operation of improved hydrofoil design [NASA-CASE-KLA-00229] c12 N70-33305
conditions	[NASA-CASE-KLA-00229] c12 N70-33305 HYDROFORNING
[NASA-CASE-XMF-03248] c11 N71-10604	Cold metal hydroforming techniques using epoxy
Hydraulic drive mechanism for leveling isolation platforms	molds for counteracting creep or stretch
[NASA-CASE-XMS-03252] c15 N71-10658	[NASA-CASE-ILE-05641-1] c15 N71-26346 HYDROGEN
Antibacklash circuit for hydraulic drive system	Method and transducer device for detecting
[NASA~CASE-XNP-01020] c03 N71-12260 Hydraulic clamping of sheet stock specimens	presence of hydrogen gas
[NASA-CASE-XLA-05100] c15 N71-17696	[NASA-CASE-XMF-03873] c06 N69-39733 Preventing pressure buildup in electrochemical
Design and development of double acting shock	cells by reacting palladium oxide with evolved
absorber for spacecraft docking operations	hydrogen
[NASA-CASE-IMS-03722] c15 N71-21530 Hydraulic apparatus for casting and molding of	[NASA-CASE-XGS-01419] c03 N70-41864
liquid polymers	Development of pulse-activated polarographic hydrogen detector
[NASA-CASE-XNP-07659] c06 N71-22975	[NASA-CASE-XMF-06531] c14 N71-17575
System to control speed of hydraulically movable members by limiting energy applied to	Development of device for detecting hydrogen in
actuators with hydraulic servo loop	ambient environments [NASA-CASE-MFS-11537] c14 N71-20442
[NASA-CASE-ARC-10131-1]	[MASA-CASE-MFS-71537] c14 M71-20442 Gas chromatographic method for analyzing
Development of aircraft control system with high	hydrogen deuterium mixtures
performance electrically controlled and mechanically operated hydraulic valves for	[NASA-CASE-NPO-11322]
precise flight operation	Hydrogen fire blink detector for high altitude rocket or ground installation
[NASA-CASE-XAC-00048] c02 N71-29128	[NASA-CASE-MFS-15063] c14 N72-25412
Development and characteristics of variable	Separation of dissolved hydrogen from water and
displacement fluid pump for tranforming hydraulic pressures	coating with palladium black [NASA-CASE-MSC-13335-1] c06 N72-31140
[NASA-CASE-MFS-20830] c15 N71-30028	[NASA-CASE-MSC-13335-1] c06 N72-31140 Atomic hydrogen maser with bulb temperature
Design and characteristics of mechanically	control by output frequency difference signal
extended and telescoping boom on crane assembly [NASA-CASE-NPO-11118] c03 N72-25021	for wall shift elimination
Design and development of device to prevent	[NASA-CASE-HQN-10654-1] c16 N73-13489 Method for producing storage bulb for atomic
geysering during convective circulation of	hydrogen maser
cryogenic fluids [NASA-CASE-KSC-10615] c15 N73-12486	[NASA-CASE-NPO-13050-1] c16 N73-18508
Redundant hydraulic control system for actuators	HYDROGEN SHBRITTLEHENT Prevention of hydrogen embrittlement of high
with three main valve combination	strength steel by additive potassium
[NASA-CASE-MPS-20944] c15 N73-13466 Development and characteristics of combined	hydroxide in hydrazine
pressure regulator and shutoff valve with	[NASA-CASE-NPO-12122-1] C27 N74-20397 HYDROGEN OXYGEN FUEL CELLS
variable pressure response characteristics	Electrolytically regenerative hydrogen-oxygen
[NASA-CASE-NPO-13201-1] c15 N73-26474	fuel cells
Rocket propellant injector with porous faceplate for rocket engine combustion chamber	[NASA-CASE-XLE-04526] c03 N71-11052 Water electrolysis rocket engine with self-
[NASA-CASE-LEH-11071-1] c27 N73-27695	regulating stoichiometric fuel mixing regulator
Design and characteristics of system for	[NASA=CASE=XGS=08729]
regenerating fluid filter to remove trapped particles with application to space shuttle	HYDROGEN PEROXIDE Unit for generating thrust from catalytic
systems	decomposition of hydrogen peroxide, for high
[NASA-CASE-HSC-14273-1] c12 N73-28179	altitude aircraft or spacecraft reaction control
Ultrasonically bonded valve assembly [NASA-CASE-NPO-13360-1] c15 N74-20073	[NASA-CASE-XMS-00583] c28 N70-38504 EVDROGENATION
HIDRAZINE NITROPORE	Producing high purity silicon carbide on carbon
Solid propellant containing hydrazinium	base by hydrogen reduction of silicon
nitroformate oxidizer and polymeric hydrocarbon binder	tetrachloride
[NASA-CASE-NPO-12015] c27 N73-16764	[NASA-CASE-XLA-00158] c26 N70-36805 Compact hydrogenator
HYDRAZINES	[NASA-CASE-NPO-11682-1] c15 N74-15127
Catalyst bed ignition system for hydrazine propellants	HYDRORIDES
[NASA-CASE-XNP-00876] c28 N70-41311	Method for determining presence and type of OH in MgO
Hydrazine monoperfluoro alkanoate solder flux	[NASA-CASE-NPO-10774] c06 N72-17095
leaving Corrosion resistant coating, for netals such as copper	EYGROSCOPICITY
[NASA-CASE-XNP-03459-2] c18 N71-15688	Method of evaluating moisture barrier properties of materials used in electronics encapsulation
Rubber composition for expulsion bladders and	[NASA-CASE-NPO-10051] c18 N71-24934
diaphragus for use with hydrazine	HYPERBOLIC SYSTEMS
[NASA-CASE-NPO-11433] c18 N71-31140 Prevention of hydrogen embrittlement of high	Development of radio locating system for
strength steel by additive potassium	monitoring geographic movement of surface vehicles in metropolitan area using
hydroxide in hydrazine	unsynchronized radio broadcasting stations
[NASA-CASE-NPO-12122-1] c27 N74-20397 HYDROCARBON FUELS	[NASA-CASE-NPO-13217-1] CO7 N73-26144
Apparatus for producing hydrocarbon slurry	RYPERFIEE STRUCTURE Process for producing dispersion strengthened
containing small particles of magnesium for	DICKEL With aluminum comprising metallic
use as jet aircraft fuel	matrices embedded with oxides or other

hyperfine compounds	t .
UNINE CALL DOCTOR PROPELLANTS	TANTEDEC
	IGNITERS Characteristics of solid propellant rocket
injected to predetermined portions of propellant (MASA-CASE-XLE-00207) C28 N70-33375	engine with controlled rate of thrust bulldup
page and the cooling system for Small rocket	operating in vacuum environment [NASA-CASE-NPO-11559] c28 N73-24784
orgine having restart Capability and using	Remote fire stack igniter on vent stack with
noncryogenic hypergolic propellants [NASA-CASE-KLE-00685] C28 N70-41992	flame cage near top
worked for idulting solid propertant rocket	(NASA-CASE-MFS-21675-1] c33 N73-31826
motors by injecting hypergolic limits	Magnetically controlled plasma accelerator
[NASA-CASE-ILE-01988] c27 N71-15634 HYPERSONIC AIRCEAFT	capable of ignition in low density gaseous
willistage aerospace craft perspective	environment (NASA-CASE-XLA-00327) c25.N71-29184
drawings of conceptual design	TONTOTON LINETS
LUNDA-CADA ADA VALVAJ	High voltage pulse generator for testing flash
posion of hypersonic test facility for ablation	and ignition limits of nonmetallic materials in controlled atmospheres
tests and performance tests of vehicles under conditions of high temperature and pressure	[NASA-CASE-MSC-12178-1] CO9 N71-13518
[NASA-CASE-XLA-05378] c11 N71-21475	TONITON SYSTEMS
EVERRONIC SPRKI	Solid propellant ignition with hypergolic fluid injected to predetermined portions of propellant
Leading edge design for hypersonic reentry	FNASA=CASE-XLE-00207] C28 N/U=33375
vehicles [NASA-CASE-XLA-00165]	Ignition system for monopropellant combustion
perospace vehicle with variable planform for	devices [NASA-CASE-XNP-00249] c28 N70-38249
hypersonic and subsonic flight	Igniter capsule for chemical ignition of liquid
variable geometry manned orbital vehicle having	rocket propellants
high aprodunamic efficiency over wine speed	[NASA-CASE-XLE-00323] C28 N/0-38505 Catalyst bed ignition system for hydrazine
range and incorporating auxiliary pivotal wings [NASA-CASE-XLA-03691] c31 N71-15674	propellants
Supersonic or hypersonic vehicle control system	[NASA-CASE-XNP-00876]
comprising elevens with hinge line sweep and	Motor run-up system for preventing power line disturbances when synchronous motor is
free of adverse aerodynamic cross coupling [NASA-CASE-XLA-08967] c02 N71-27088	connected to line
Generation of high temperature, high mass flow,	[NASA-CASE-NPO-13374-1] c10 N74-17949
and high Reynolds number air at hypersonic	IGNITION TEMPERATURE Test chamber for determining decomposition and
speeds [NASA-CASE-LAR-10578-1] c12 N73-25262	antoignition of materials used in spacecrait
inparatus and method for generating large mass	under controlled environmental conditions [NASA-CASE-KSC-10198] c11 N71-28629
flow of high temperature air at hypersonic	TLLUMTNATORS
speeds [NASA-CASE-LAR-10612-1] c12 N73-28144	Camera adapter design for image magnification including lens and illuminator
HYPERSONIC VEHICLES	r wasa-case-xmr-03844-11
Carbon dioxide purge systems to prevent condensation in spaces between cryogenic fuel	Tilumination system design for use as sunlight
tanks and bypersonic vehicle skin	simulator in space environment simulators with multiple light so ses reflected to single
[NASA-CASE-XLA-01967] C31 N70-42015 HYPERVELOCITY GUNS	virtual source
method and apparatus for use in forming highly	[NASA-CASE-HQN-10 .] c23 N71-30292
collimated beam of microparticles with bigh	Video signal enhancement of signal component
charge to mass ratio and injecting beam into electrostatic accelerating tube	representing brightness of scene element in
rwasa-case-xgs-06628] c24 N71-16213	low contrast [NASA-CASE-NPO-10343] c07 N71-27341
Implosion driven, light gas, hypervelocity gun	IMAGE CONVERTERS
collarsible miston for hypervelocity qua	Device for converting optical images into
[NASA-CASE-MSC-13789-1] C11 N/3-32152	electron beams [NASA-CASE-GSC-11602-1] c09 N73-13214
HYPERVELOCITY IMPACT Method of and device for determining the	Photoconducting semiconductor system for
characteristics and flux distribution of	converting stored optical images into video
micrometeorites scanning puncture holes in	signals [NASA-CASE-NPO-13131-1] c16 N73-31467
sheet material with photoelectric cell [NASA-CASE-NPO-12127-1] c14 N74-13130	THACE CORRELATORS
HYDERVELOCITY PROJECTILES	Multiple pattern holographic information storage and readout system
Impact measuring technique for determining size	f NASA = CASE = RRC = 10151] C16 N71-29131
of hypervelocity projectiles [NASA-CASE-LAR-10913] c14 N72-16282	Automatic focus control for facsimile cameras
multiple image storing system for obtaining	[NASA-CASE-LAE-11213-1] C14 N74-10420 IMAGE DISSECTOR TUBES
holographic record on film of high speed projectile	Apparatus for calibrating an image dissector tube
[NASA-CASE-MFS-20596] c14 N72-17324	[NASA-CASE-MFS-22208-1] C14 N/4-18100
HYPROVELOCITY WIND TUNNELS	INAGE ENHANCEMENT Electron beam scanning system for improved image
Hypersonic test facility for studying ablation in models under high pressure and high	definition and reduced power requirements for
temperature	video signal transmission rwash-rask-rec-105521 c09 N71-12539
[NASA-CASE-YLA-00378] c11 N71-15925 Design of hypersonic test facility for ablation	TMAGE FILTERS
tests and performance tests of vehicles under	Filter arrangement for controlling light
conditions of high temperature and pressure	intensity in motion picture camera used in optical pyrometry
[NASA-CASE-XLA-05378] c11 N71-21475 HYSTERESIS	[NASA-CASE-XLA-00062] c14 N70-33254
Belleville spring assembly with elastic guides	THIGRS
having low hysteresis	Camera adapter design for image magnification including lens and illuminator
[NASA-CASE-XNP-09452] c15 N69-2/504	[NASA-CASE-XMF-03844-1] C14 N71-26474

Pamily of physical correction filt improving optical quality of ima	ers for	IHPACT RESISTANCE Electric storage battery with high	impact
[NASA-CASE-HQN-10542-1]	c23 N72-21663	resistance	
Stereoscopic television system, in projecting pair of binocular ima	cluding ges	[NASA-CASE-NPO-11021] IMPACT STRENGTH	c03_N72+20032
[NA SA-C ASE-ARC-10160-1]	c23 N72-27728	High impact pressure regulator hav	
Device for converting optical imagelectron beams	es into	<pre>number of lightweight movable el [NASA-CASE-NPO-10175]</pre>	ements c14 N71-18625
[NASA-CASE-GSC-11602-1]	c09 N73-13214	IMPACT TESTING MACHINES	
IGAGING TECHNIQUES Highly stable optical mirror assem	bly optimizina	Development and characteristics of for measuring physical propertie	
image quality of light diffraction	on patterns	surface	
[NASA-CASE-ERC-10001] Noise elimination in coherent image	c23 N71-24868	[NASA-CASE-XLA-00934] Impact testing machine for imparti	c14 N71-22765
axial rotation of optical lense :	for spectral	impact forces on high velocity p	
distribution of degrading affect: [NASA-CASE-GSC-11133-1]	c23 N72-11568	[NASA-CASE-XNP-94817] IMPACT TOLERANCES	c14 N71-23225
Phototransistor imaging system with	h mosaic of	High impact antennas with high rad	iating
phototransistors on semiconducto: [NASA-CASE-MFS-20809]	r substrate c23 N73-13660	efficiency	-07 x71 0/101
Computerized optical system for pro		[NASA-CASE-NPO-10231] IMPEDANCE HATCHING	c07 N71-26101
multiple images of a scene simulation [NASA-CASE-MSC-12404-1]		Impedance transformation device fo	
Optical imaging system for increas:	c23 N73-13661 ing light	[NASA-CASE-IGS-01110] Reflectometer for receiver input i	c07 %69-24334 apedance match
absorption efficiency of imaging [NASA-CASE-ARC-10194-1]		measurement	
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containing sodium chloride in combidiol solvent and organic wetting at agents [NASA-CASK-GSC-11214-1] INONGANIC COEPOUIDS Inorganic ion exchange membrane electivel cell use [NASA-CASE-XNP-04264] Preparation of inorganic solid film with long wear life and stability environments [NASA-CASE-XHF-03988] Hodification of polyurethanes with a resins, inorganic salts, and encaptively and reactive halogen for control	nd drying c06 N73-13128 trolytes for c03 N69-21337 lubricants in aerospace c15 N71-21403 lkyl halide sulated fuel fire	[NASA-CASE-KBF-01974] Development of temperature compensate measuring gage for measuring force function of time in environment of temperature [NASA-CASE-KGS-02319] Development and characteristics of calibrating displacement transduct measuring magnitude and frequency displacement of bodies [NASA-CASE-KLA-00781] Design, development, and characteri pressure and temperature sensor of immersed in fluid flow [NASA-CASE-LBH-10281-1] Development of apparatus for mounti	c14 M71-22752 ited thrust res as with varying c14 M71-22965 self- rer for c09 W71-22999 stics of operating c14 W72-17327 and scientific
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containing sodium chloride in combidiol solvent and organic wetting at agents [NASA-CASE-GSC-11214-1] INONGANIC COMPONUES Inorganic ion exchange membrane electivel cell use [NASA-CASE-XNP-04264] Preparation of inorganic solid film with long wear life and stability: environments [NASA-CASE-XHF-03988] Hodification of polyurethanes with a resins, inorganic salts, and encaptively electron of control [NASA-CASE-XHF-03988] Inorganic thermal control and solar resins, inorganic salts, and encaptively electron of control [NASA-CASE-ARC-10098-1] INFUT Apparatus for filtering input signals [NASA-CASE-NPO-10198] Flectronic signal-handling circuit with input impedance [NASA-CASE-ARC-10348-1] HC networks with voltage amplifier, in circuit, and positive feedback	nd drying c06 N73-13128 trolytes for c03 N69-21337 lubricants in aerospace c15 N71-21403 lkyl halide sulated fuel fire c06 N71-24739 reflector c18 N72-22566 s c09 N71-24806 ith constant c10 N72-10205 RC input	[NASA-CASE-XBF-01974] Development of temperature compensations measuring gage for measuring force function of time in environment to temperature [NASA-CASE-XGS-02319] Development and characteristics of calibrating displacement transducement of bodies [NASA-CASE-XLA-00781] Design, development, and characteric pressure and temperature sensor of immersed in fluid flow [NASA-CASE-LBH-10281-1] Development of apparatus for mountiful experiments in spacecraft to permutilization without maneuvering serveriments [NASA-CASE-NPC-08882] INSULATED STRUCTURES Low thermal loss piping arrangement cryogenic media through double characteristics of foamed-in-place	c14 #71-22752 ted thrust tes as with varying c14 #71-22965 self- er for c09 #71-22999 stics of perating c14 #72-17327 ng scientific nit spacecraft c31 #72-25842 for moving abber structure c15 #69-39935 setecting low creatures c05 #71-11193 ceramic
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containing sodium chloride in combidiol solvent and organic wetting at agents [NASA-CASE-GSC-11214-1] INONGANIC COMPONUES Inorganic ion exchange membrane electivel cell use [NASA-CASE-XNP-04264] Preparation of inorganic solid film with long wear life and stability: environments [NASA-CASE-XHF-03988] Hodification of polyurethanes with a resins, inorganic salts, and encaptively electron of control [NASA-CASE-XHF-03988] Inorganic thermal control and solar resins, inorganic salts, and encaptively electron of control [NASA-CASE-ARC-10098-1] INFUT Apparatus for filtering input signals [NASA-CASE-NPO-10198] Flectronic signal-handling circuit with input impedance [NASA-CASE-ARC-10348-1] HC networks with voltage amplifier, in circuit, and positive feedback	nd drying c06 N73-13128 trolytes for c03 N69-21337 lubricants in aerospace c15 N71-21403 lkyl halide sulated fuel fire c06 N71-24739 reflector c18 N72-22566 s c09 N71-24806 ith constant c10 N72-10205 RC input	[NASA-CASE-XBF-01974] Development of temperature compensations measuring gage for measuring force function of time in environment to temperature [NASA-CASE-XGS-02319] Development and characteristics of calibrating displacement transducement of bodies [NASA-CASE-XLA-00781] Design, development, and characteric pressure and temperature sensor of immersed in fluid flow [NASA-CASE-LBH-10281-1] Development of apparatus for mountiful experiments in spacecraft to permutilization without maneuvering serveriments [NASA-CASE-NPC-08882] INSULATED STRUCTURES Low thermal loss piping arrangement cryogenic media through double characteristics of foamed-in-place	c14 #71-22752 ted thrust tes as with varying c14 #71-22965 self- er for c09 #71-22999 stics of perating c14 #72-17327 ng scientific nit spacecraft c31 #72-25842 for moving abber structure c15 #69-39935 setecting low creatures c05 #71-11193 ceramic

Nethod of fabricating equal length insulated wire [NASA-CASE-FRC-10038] c15 N72-20444 Inductance device with vacuum insulation and	Interferometer prism and control system for precisely determining direction to remote light source
materials of low gas entrapping capability	[NASA-CASE-ARC-10278-1] c14 N73-25463
[NASA-CASE-LEM-10330-1] c09 N72-27226 Insulated electrode for electrocardiographic	INTERBEDIATE FREQUENCY AMPLIFIERS Multichannel logarithmic RF level detector
recording without paste electrolyte	[NASA-CASE-LAR-11021-1] c14 H74-20019
[NASA-CASE-MSC-14339-1] C05 N73-21151	INTERMETALLICS Intermetallic coating for nickel based superalloy
Silica reusable surface insulation [NASA-CASE-ARC-10721-1] c18 N74-14230	[NASA-CASE-LEW-11348-1] c17 N72-25517
INSULATORS	Controlled diffusion reaction process for
High voltage insulators for direct current in acceleration system of electrostatic thrustor	masking substrate of twisted multifilament superconductive ribbon
[NASA-CASE-XLE-01902] c28 N71-10574	[NASA-CASE-LEW-11726-1] c26 N73-26752
INTAKE SYSTEMS Deflector for preventing objects from entering	Production of intermetallic compounds by effect of shock waves from explosions and compaction
nacelle inlets of jet aircraft	of powder
[NASA-CASE-XLE-00388] c28 N70-34788	[NASA-CASE-MFS-20861-1] c18 N73-32437 INTERNAL COMBUSTION ENGINES
INTEGRATED CIRCUITS Computer circuit performing both counting and	Variable displacement fuel pump for internal
shifting logic operations also capable of	combustion engines
miniaturization and integration in basic circuits	[NASA-CASE-MSC-12139-1] c28 N71-14058 Detonation reaction engine comprising outer
[NASA-CASE-XNP-01753] CO8 N71-22897	housing enclosing pair of inner walls for
Development and characteristics of electric circuitry for detecting electrical pulses rise	continuous flow [NASA-CASE-IMF-06926] C28 N71-22983
time and amplitude	Development of system for preheating vaporized
[NASA-CASE-XMF-08804] c09 N71-24717	fuel for use with internal combustion engines (NASA-CASE-NPO-12072) c28 N72-22772
Method and apparatus for testing integrated circuit microtab welds	INTERPLANETARY PLIGHT
[NASA-CASE-ARC-10176-1] c15 N72-21464	Thermoelectric power system for outer planet
Single integrated circuit chip with field effect transistor	space flight [NASA-CASE-MFS-22002-1]
[NASA-CASE-GSC-10835-1] c09 N72-33205	INTERPLANETARY SPACE
Design of integrated circuit with two amplifiers and feedback stabilization for single channel	Compact heat shielding for interplanetary space vehicles
gyrator	[NASA-CASE-XMS-00486] c33 N70-33344
[NASA-CASE-MFS-22343-1] C09 N73-18224 Integrated microcircuits and complementary	Active RC filter networks and amplifiers for deep space magnetic field measurement
four-phase logic system	[NASA-CASE-XAC-05462-2] c10 N72-17171
[NASA-CASE-MSC-14240-1] c10 N73-21240	INTERPLANETARY SPACECRAFT Transpirationally cooled heat ablation system
Integrated circuit power gyrator with Z-matrix design using parallel transistors	for interplanetary spacecraft reentry shielding
[NASA-CASE-MFS-22342-1] c09 N73-24236	[NASA-CASE-XMS-02677] c31 N70-42075
Integrated circuit tanguet function generator [NASA-CASE-MSC-13907-1] c10 N73-26230	INTERPLANETARY TRAJECTORIES Table structure and rotating magnet system
Inverted geometry transistor for use with	simulating gravitational forces on spacecraft
monolithic integrated circuit [NASA-CASE-ARC-10330-1] c09 N73-32112	and displaying trajectories between Earth, Venus, and Mercury
Integrated circuit package with lead structure	[NASA-CASE-XNP-00708] c14 N70-35394
and method of preparing the same [HASA-CASE-MFS-21374-1] c10 N74-12951	INTRAVEHICULAR ACTIVITY Intra- and extravehicular life support space
INTEGRATORS	suite for Apollo astronauts
Solid state operational integrator [NASA-CASE-NPO-10230] CO9 N71-12520	[NASA-CASE-MSC-12609-1] c05 N73-32012 INVERTED CONVERTERS (DC TO AC)
Variable duration pulse integrator design for	A variable frequency inverter for ac induction
integrating pulse duration modulated pulses with elimination of ripple content	motors with torque, speed and braking control [NASA-CASE-MFS-22088-1] c09 N74-13894
[NASA-CASE-XLA-01219] c10 N71-23084	Inverter ratio failure detector
Solid state integrator for converting variable width pulses into analog voltage	[NASA-CASE-NPO-13160-1] c14 N74-18090 INVERTERS
[NASA-CASE-XLA-03356] c10 N71-23315	Silicon controlled rectifier inverter with
Feedback integrating circuit with grounded capacitor for signal processing	compensation of transients to avoid false gating [NASA-CASE-XLA-08507] c09 N69-39984
[NASA-CASE-XAC-10607] c10 N71-23669	Inverter oscillator with voltage feedback
High speed phase detector design indicating	[NASA-CASE-NPO-10760] c09 N72-25254
phase relationship between two square wave input signals	IODINE Method of producing output voltage from
[NASA-CASE-XNP-01306-2] c09 N71-24596	photovoltaic cell using poly-N-vinyl carbazole
INTERPEROMETERS Describing device for velocity control of	complexed with iodine [NASA-CASE-NPO-10373] c03 N71-18698
electronechanical drive mechanism of scanning	Gallium arsenide solar cell preparation by
mirror of interferometer [NASA-CASE-XGS-03532] c14 N71-17627	surface deposition of cuprous iodide on thin n-type polycrystalline layers and heating in
Incremental motion drive system applied to	iodine vapor
interferometer components [NASA-CASE-XNP-08897] c15 N71-17694	[NASA-CASE-XNP-01960] c09 N71-23027 IODINE ISOTOPES
Design and development of optical interferometer	Apparatus for producing high purity I-123 from
with laser light source for application to	xe-123 by bombarding tellurium target with
schlieren systems [NASA-CASE-XLA-04295] c16 N71-24170	cyclotron beam [NASA-CASE-LEW-10518-2] c24 N72-28714
Digital sensor for counting fringes produced by	Production of I-123 for use as
interferometers with improved sensitivity and one photomultiplier tube to eliminate	radiopharmaceutical for low radiation exposure [NASA-CASE-LEM-10518-1] c24 N72-33681
alignment problem	Production of iodine isotope by high energy
[NASA-CASE-LAR-10204] c14 N71-27215 Two beam interferometer-polarimeter	<pre>bombardment of cesium heat pipe causing spallation reaction</pre>
[NASA-CASE-NPO-11239] c14 N73-12446	[NASA-CASE-LEW-11390-2] c24 N73-20763

SUBJECT LEDEK ION SOURCES

Heat pipe production of high purity radioiodine	Internal labyrinth and shield structure to
for thyroid measurements	improve electrical isolation of propellant
[NASA-CASE-LEW-11390-3] c11 N73-28128 Apparatus for producing high purity I-123	feed source from ion thrustor [NASA-CASE-LEH-10210-1] c28 N71-26781
for thyroid measurement	Low mass ionizing device for use in electric
[NASA-CASE-LEH-10518-3] c15 N74-10476 ION ACCRLEBATORS	thrust spacecraft engines [NASA-CASE-INP-01954] c28 N71-28850
Helium outgassing process for fused glass	Development of system for delivering vaporized
Coating on ion accelerator grid	mercury to electron bombardment ion engine
[NASA-CASE-LEH-10278-1] c15 N71-28582 ION BRANS	[NASA-CASE-NPO-10737] c28 N72-11709 Ion heaplets of predetermined configurations
Ion beam deflector system for electronic thrust	formed in screen grid of ion thruster
<pre>vector control for ion propulsion yaw, pitch, and roll forces</pre>	[NASA-CASE-LRH-11646-1]
[NASA-CASE-LES-10689-1] c28 N71-26173	Process for fabricating matched pairs of dished screen and accelerator grids for ion thruster
Ion beamlets of predetermined configurations	accelerator system
formed in screen grid of ion thruster [NASA-CASE-LEW-11646-1] c28 N72-32760	[NASA-CASE-LEW-11694-1] c28 N73-22721 Characteristics of ion rocket engine with
Development and characteristics of improved	combination keeper electrode and electron baffle
dispensing targets for ion beam particle	[NASA-CASE-NPO-11880] c28 N73-24783
generators [NASA-CASE-NPO-13112-1]	Single grid accelerator system for electron bombardment type ion thrustor
TOD CHARGE	[NASA-CASE-XLE-10453-2] c28 N73-27699
Coaxial anode for gas radiation counter for suppressing background ionization interference	ION EXCHANGE NEEDBANE ELECTROLYTES
[NASA-CASE-GSC-11492-1] c14 N73-28497	Inorganic ion exchange membrane electrolytes for fuel cell use
Quadrupole mass spectrometer using noise	[NASA-CASE-XNP-04264] c03 N69-21337
spectrum for ion separation and identification [NASA-CASE-XNP-04231] c14 N73-32325	Development and characteristics of ion-exchange membrane and electrode assembly for fuel cells
ION CONCENTENTION	or electrolysis cells
Deposition of alloy films on irregulary	[NASA-CASE-XMS-02063] c03 N71-29044
shaped metal object [NASA-CASE-LEH-11262-1] c18 N74-13270	ION EXCHANGING Fuel system for thermal nuclear reactor which
ION CURRENTS	uses inorganic ion exchanger
System for monitoring presence of neutrals in streams of ions - ion engine control	[NASA-CASE-LEH-11645-2]
[NASA-CASE-XNP-02592]	Development and characteristics of improved
ION ENGINES	dispensing targets for ion beam particle
Improved cathode containing barium carbonate block and heated tungsten screen for electron	generators [NASA-CASE-NPO-13112-1] c11 N73-29138
bombardment ion thrustor	IOU PROBES
[NASA-CASE-XLE-07087] c06 N69-39889	Ion microprobe mass spectrometer with cooled
Righ-vacuum condenser tank för testing ion rocket engines	electrode target for analyzing traces of fluids [NASA-CASE-ERC-10014] c14 N71-28863
[NASA-CASE-XLE-00168] c11 N70-33278	ION PROPULSION
Encapsulated heater forming hollow body for cathode used in ion thruster	Variable thrust ion engine using thermal decomposition of solid cesium compound to
[NASA-CASE-LEE-10814-1] c28 N70-35422	produce propulsive vapor
Electrostatic ion engines using high velocity	[NASA-CASE-XMF-00923] c28 N70-36802
electrons to ionize propellant [NASA-CASE-XLE-00376]	Electrostatic ion engines using high velocity electrons to ionize propellant
Betal ion rocket engine design	[NASA-CASE-XLE-00376] c28 N70-37245
[NASA-CASE-XLE-00342] c28 N70-37980 Dynamometer measuring microforce thrust produced	<pre>Metal ion rocket engine design [NASA-CASE-XLE-00342]</pre>
by ion engine	Hethod for producing porous tungsten plates for
[NASA-CASE-XLE-00702] c14 N70-40203	ionizing cesium compounds for propulsion of
Increasing available power per unit area in ion rocket engine by increasing beam density	ion engines [NASA-CASE-XLE-00455]
[NASA-CASE-XLE-00519] c28 N70-41576	Accel and focus electrode design for ion engine
Accel and focus electrode design for ion engine with improved efficiency	with improved efficiency [NASA-CASE-INP-02839] c28 N70-41922
[NASA-CASE-XNP-02839] C28 N70-41922	Electric rocket engine with electron bombardment
Ion engine with magnetic circuit for optimal discharge	ionization chamber
[NASA-CASE-XLE-01124] c28 N71-14043	[NASA-CASE-XNP-04124] c28 N71-21822 Ion beam deflector system for electronic thrust
Electron bombardment ion rocket engine with	vector control for ion propulsion yaw, pitch,
inproved propellant introduction system [NASA-CASE-XLE-02066] c28 N71-15661	and roll forces [NASA-CASE-LEH-10689-1]
System for monitoring presence of neutrals in	[NASA-CASE-LEW-10689-1] c28 W71-26173 Development and characteristics of ion thruster
streams of ions - ion engine control [NASA-CASE-XNP-02592]	accelerator with single glass coated grid to
[NASA-CASE-XNP-02592] c24 N71-20518 Construction and method of arranging plurality	provide increased ion extraction capability and larger diameter accelerator system
of ion engines to form cluster thereby	[NASA-CASE-LEH-10106-11
increasing efficiency and control by decreasing heat radiated to space	Development of system for delivering vaporized
[NASA-CASE-XNP-02923] C28 N71-23081	mercury to electron bombardment ion engine [NASA-CASE-NPO-10737] c28 N72-11709
Electronic cathodes for use in electron	Radial magnetic field for ion thruster
bombardment ion thrustors [NASA-CASE-XLR-04501] C09 H71-23190	[NASA-CASE-LEH-10770-1] c28 N72-22770 Automatic shunting of ion thrustor magnetic
Permanently magnetized ion engine casing	field when thrustor is not operating
construction for use in spacecraft propulsion systems	[NASA-CASE-LEW-10835-1] c28 N72-22771
[NASA-CASE-XNP-06942] c28 N71-23293	Process for fabricating matched pairs of dished screen and accelerator grids for ion thruster
Development and characteristics of ion thruster	accelerator system
accelerator with single glass coated grid to provide increased ion extraction capability	[NASA-CASE-LEH-11694-1] c28 N73-22721 ION SOURCES
and larger diameter accelerator system	Apertured electrode focusing system for ion
[NASA-CASE-LEW-10106-1] c28 N71-26642	sources with nonuniform plasma density [NASA-CASE-INP-03332] c09 N71-10618

	[NASA-CASE-LAR-10511-1] c09 N72-29172
Multilayer porous refractory metal ionizer	IRON OXIDES
design with thick, porous, large-grain	System for recovering oxygen and/or water from
substrates and thin, porous micron-grain	extraterrestrial soil and iron oxide materials
substrates	[NASA-CASE-MSC-12332-1] C15 N72-15476
[NASA-CASE-XNP-04338] c17 N71-23046 Development and characteristics of ion thruster	IRRADIATION
accelerator with single glass coated grid to	Solar sensor with coarse and fine sensing
provide increased ion extraction capability	elements for matching preirradiated cells on
and larger diameter accelerator system	degradation rates
[NASA-CASE-LEH-10106-1] c28 N71-26642	[NASA-CASE-XLA-01584] c14 N71-23269
Low mass ionizing device for use in electric	Apparatus for obtaining isotropic irradiation on
thrust spacecraft engines	film emulsion from parallel radiation source
FNASA-CASE-XNP-01954] C28 N/1-28850	[NASA-CASE-MPS-20095] C24 N72-11595
Development and characteristics of apparatus for	Process for depositing pure metals by
ionization analysis	irradiating liquids [NASA-CASE-LEW-10906-1] c06 N72-25164
[NASA-CASE-ARC-10017-1] c14 N72-29464	[NASA-CASE-LEW-10906-1] c06 N72-25164 ISOCYANATES
IONIZATION CHANGERS	Fire retardant polyisocyanurate foam with high
Automatic baseline stabilization for ionization detector used in gas chromatograph	temperature resistance
[NASA-CASE-INP-03128] c10 N70-41991	[NASA-CASE-ARC-10280-1] c18 N70-34695
Electric rocket engine with electron bombardment	ISOLATORS
ionization chamber	Internal labyrinth and shield structure to
[NASA-CASE-INP-04124] C28 N71-21822	improve electrical isolation of propellant
Multichannel photoionization chamber for	feed source from ion thrustor
measuring absorption, photoionization yield,	[NASA-CASE-LEW-10210-1] c28 N71-26781
and coefficients of gases	Development and characteristics of supporting
[NASA-CASE-ERC-10044-1] c14 N71-27090	frame to isolate payloads from multi-gravitational forces
Development and characteristics of apparatus for	[NASA-CASE-MFS-21680-1] c15 N73-20525
ionization analysis [NASA-CASE-ARC-10017-1] c14 N72-29464	ISOPROPYL ALCOHOL
[NASA-CASE-ARC-10017-1] C14 N72-29464 IONIZATION GAGES	Preparation of fluorinated polyethers from
Ionization vacuum gage	2-hydro-perhaloisopropyl alcohols
[NASA-CASE-XNP-00646] c14 N70-35666	[NASA-CASE-MFS-11492] c06 N73-30102
Ionization control system design for monitoring	ISOTHERMAL LAYERS
separately located ion gage pressures on	Double-wall isotherwal cylinder containing heat
vacuum chambers	transfer fluid thermal reservoir as spacecraft
[NASA-CASE-XLE-00787] c14 N71-21090	insulation cover
Development and characteristics of apparatus for	[NASA-CASE-MFS-20355] c33 N71-25353
ionization analysis	•
[NASA-CASE-ARC-10017-1] c14 N72-29464	j
Ionization gage for measuring ultrahigh vacuum levels	JET AIRCRAFT
[NASA-CASE-XLA-05087] c14 N73-30391	Deflector for preventing objects from entering
TONIZATION POTENTIALS	nacelle inlets of jet aircraft
IONIZATION POTENTIALS Electrodes having array of small surfaces for	[NASA-CASE-XLE-00388] c28 N70-34788
Electrodes having array of small surfaces for field ionization	[NASA-CASE-XLE-00388] c28 N70-34788 JET AIRCRAFT NOISE
Electrodes having array of small surfaces for	[NASA-CASE-XLE-00388] c28 N70-34788 JET AIRCRAFT NOISE Upper surface, external flow, jet-augmented flap
Electrodes having array of small surfaces for field ionization [NASA-CASE-ERC-10013] c09 N71-26678 IONIZED GASES	[NASA-CASE-XLE-00388] c28 N70-34788 JET AIRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for
Electrodes having array of small surfaces for field ionization [NASA-CASE-BRC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary	[NASA-CASE-XLE-00388] c28 N70-34788 JET AIRCRAFT NOTSE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction
Electrodes having array of small surfaces for field ionization [NASA-CASE-BRC-10013] c09 N71-26678 IONIZED GASES Plasma prohes having guard ring and primary sensor at same potential to prevent stray wall	[NASA-CASE-XLE-00388] c28 N70-34788 JET AIRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332
Electrodes having array of small surfaces for field ionization [NASA-CASE-ERC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases	[NASA-CASE-XLE-00388] c28 N70-34788 JET ALTCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction
Electrodes having array of small surfaces for field ionization [NASA-CASE-ERC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884	[NASA-CASE-XLE-00388] c28 N70-34788 JET ATRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819
Electrodes having array of small surfaces for field ionization [NASA-CASE-BRC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884 Transient heat transfer gage for measuring total	[NASA-CASE-XLE-00388] c28 N70-34788 JET AIRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere
Electrodes having array of small surfaces for field ionization [NASA-CASE-ERC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884	[NASA-CASE-XLE-00388] c28 N70-34788 JET AIRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] c28 N73-20826
Electrodes having array of small surfaces for field ionization [NASA-CASE-BRC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884 Transient heat transfer gage for measuring total radiant intensity from far ultraviolet and	[NASA-CASE-XLE-00388] c28 N70-34788 JET AIRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] c28 N73-20826 Jet aircraft noise and sonic boom measuring
Electrodes having array of small surfaces for field ionization [NASA-CASE-BRC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884 Transient heat transfer gage for measuring total radiant intensity from far ultraviolet and ionized high temperature gases [NASA-CASE-XNP-09802] c33 N71-15641 IONIZERS	[NASA-CASE-XLE-00388] c28 N70-34788 JET ATRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] c28 N73-20826 Jet aircraft noise and sonic boom measuring device which converts sound pressure into
Electrodes having array of small surfaces for field ionization [NASA-CASE-BRC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884 Transient heat transfer gage for measuring total radiant intensity from far ultraviolet and ionized high temperature gases [NASA-CASE-XNP-09802] c33 N71-15641 IONIZERS Description of electrical equipment and system	[NASA-CASE-XLE-00388] c28 N70-34788 JET ATRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] c28 N73-20826 Jet aircraft noise and sonic boom measuring device which converts sound pressure into electric current
Electrodes having array of small surfaces for field ionization [NASA-CASE-ERC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884 Transient heat transfer gage for measuring total radiant intensity from far ultraviolet and ionized high temperature gases [NASA-CASE-XNP-09802] c33 N71-15641 IONIZERS Description of electrical equipment and system for purification of waste water by producing	[NASA-CASE-XLE-00388] c28 N70-34788 JET ATRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] c28 N73-20826 Jet aircraft noise and sonic boom measuring device which converts sound pressure into electric current [NASA-CASE-LAR-11173-1] c14 N73-22387
Electrodes having array of small surfaces for field ionization [NASA-CASE-BRC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884 Transient heat transfer gage for measuring total radiant intensity from far ultraviolet and ionized high temperature gases [NASA-CASE-XNP-09802] c33 N71-15641 IONIZERS Description of electrical equipment and system for purification of waste water by producing silver ions for bacterial control	[NASA-CASE-XLE-00388] c28 N70-34788 JET ATRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] c28 N73-20826 Jet aircraft noise and sonic boom measuring device which converts sound pressure into electric current [NASA-CASE-LAR-11173-1] c14 N73-22387 Development of annular acoustically porous
Electrodes having array of small surfaces for field ionization [NASA-CASE-BRC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884 Transient heat transfer gage for measuring total radiant intensity from far ultraviolet and ionized high temperature gases [NASA-CASE-XNP-09802] c33 N71-15641 IONIZERS Description of electrical equipment and system for purification of waste water by producing silver ions for bacterial control [NASA-CASE-MSC-10960-1] c03 N71-24718	[NASA-CASE-XLE-00388] c28 N70-34788 JET ATRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] c28 N73-20826 Jet aircraft noise and sonic boom measuring device which converts sound pressure into electric current [NASA-CASE-LAR-11173-1] c14 N73-22387 Development of annular acoustically porous elements for installation in exhaust and inlet
Electrodes having array of small surfaces for field ionization [NASA-CASE-ERC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884 Transient heat transfer gage for measuring total radiant intensity from far ultraviolet and ionized high temperature gases [NASA-CASE-XNP-09802] c33 N71-15641 IONIZERS Description of electrical equipment and system for purification of waste water by producing silver ions for bacterial control [NASA-CASE-MSC-10960-1] c03 N71-24718 Process for fabricating matched pairs of dished	[NASA-CASE-XLE-00388] c28 N70-34788 JET AIRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] c28 N73-20826 Jet aircraft noise and sonic boom measuring device which converts sound pressure into electric current [NASA-CASE-LAR-11173-1] c14 N73-22387 Development of annular acoustically porous elements for installation in exhaust and inlet ducts of turbofan engine to reduce aircraft engine noise intensity
Electrodes having array of small surfaces for field ionization [NASA-CASE-ERC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884 Transient heat transfer gage for measuring total radiant intensity from far ultraviolet and ionized high temperature gases [NASA-CASE-XNP-09802] c33 N71-15641 IONIZERS Description of electrical equipment and system for purification of waste water by producing silver ions for bacterial control [NASA-CASE-MSC-10960-1] c03 N71-24718 Process for fabricating matched pairs of dished screen and accelerator grids for ion thruster	[NASA-CASE-XLE-00388] c28 N70-34788 JET ATRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] c28 N73-20826 Jet aircraft noise and sonic boom measuring device which converts sound pressure into electric current [NASA-CASE-LAR-11173-1] c14 N73-22387 Development of annular acoustically porous elements for installation in exhaust and inlet ducts of turbofan engine to reduce aircraft engine noise intensity
Electrodes having array of small surfaces for field ionization [NASA-CASE-ERC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884 Transient heat transfer gage for measuring total radiant intensity from far ultraviolet and ionized high temperature gases [NASA-CASE-XNP-09802] c33 N71-15641 IONIZERS Description of electrical equipment and system for purification of waste water by producing silver ions for bacterial control [NASA-CASE-MSC-10960-1] c03 N71-24718 Process for fabricating matched pairs of dished	[NASA-CASE-XLE-00388] c28 N70-34788 JET AIRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] c28 N73-20826 Jet aircraft noise and sonic boom measuring device which converts sound pressure into electric current [NASA-CASE-LAR-11173-1] c14 N73-22387 Development of annular acoustically porous elements for installation in exhaust and inlet ducts of turbofan engine to reduce aircraft engine noise intensity [NASA-CASE-LAR-11141-1] c02 N73-22975 Development of aircraft configuration for
Electrodes having array of small surfaces for field ionization [NASA-CASE-BRC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884 Transient heat transfer gage for measuring total radiant intensity from far ultraviolet and ionized high temperature gases [NASA-CASE-XNP-09802] c33 N71-15641 IONIZERS Description of electrical equipment and system for purification of waste water by producing silver ions for bacterial control [NASA-CASE-NSC-10960-1] c03 N71-24718 Process for fabricating matched pairs of dished screen and accelerator grids for ion thruster accelerator system	[NASA-CASE-XLE-00388] c28 N70-34788 JET AIRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] c28 N73-20826 Jet aircraft noise and sonic boom measuring device which converts sound pressure into electric current [NASA-CASE-LAR-11173-1] c14 N73-22387 Development of annular acoustically porous elements for installation in exhaust and inlet ducts of turbofan engine to reduce aircraft engine noise intensity [NASA-CASE-LAR-11141-1] c02 N73-22975 Development of aircraft configuration for reduction of jet aircraft noise by exhausting
Electrodes having array of small surfaces for field ionization [NASA-CASE-BRC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884 Transient heat transfer gage for measuring total radiant intensity from far ultraviolet and ionized high temperature gases [NASA-CASE-XNP-09802] c33 N71-15641 IONIZERS Description of electrical equipment and system for purification of waste water by producing silver ions for bacterial control [NASA-CASE-NSC-10960-1] c03 N71-24718 Process for fabricating matched pairs of dished screen and accelerator grids for ion thruster accelerator system [NASA-CASE-LEW-11694-1] c28 N73-22721 IONIZING RADIATION High voltage cable for use in high intensity	[NASA-CASE-XLE-00388] c28 N70-34788 JET AIRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] c28 N73-20826 Jet aircraft noise and sonic boom measuring device which converts sound pressure into electric current [NASA-CASE-LAR-11173-1] c14 N73-22387 Development of annular acoustically porous elements for installation in exhaust and inlet ducts of turbofan engine to reduce aircraft engine noise intensity [NASA-CASE-LAR-11141-1] c02 N73-22975 Development of aircraft configuration for reduction of jet aircraft noise by exhausting engine gases over upper surface of wing
Electrodes having array of small surfaces for field ionization [NASA-CASE-BRC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884 Transient heat transfer gage for measuring total radiant intensity from far ultraviolet and ionized high temperature gases [NASA-CASE-XNP-09802] c33 N71-15641 IONIZERS Description of electrical equipment and system for purification of waste water by producing silver ions for bacterial control [NASA-CASE-NSC-10960-1] c03 N71-24718 Process for fabricating matched pairs of dished screen and accelerator grids for ion thruster accelerator system [NASA-CASE-LEW-11694-1] c28 N73-22721 IONIZING RADIATION High voltage cable for use in high intensity ionizing radiation fields	[NASA-CASE-XLE-00388] c28 N70-34788 JET AIRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] c28 N73-20826 Jet aircraft noise and sonic boom measuring device which converts sound pressure into electric current [NASA-CASE-LAR-11173-1] c14 N73-22387 Development of annular acoustically porous elements for installation in exhaust and inlet ducts of turbofan engine to reduce aircraft engine noise intensity [NASA-CASE-LAR-11141-1] c02 N73-22975 Development of aircraft configuration for reduction of jet aircraft noise by exhausting engine gases over upper surface of wing [NASA-CASE-LAR-11087-1] c02 N73-26008
Electrodes having array of small surfaces for field ionization [NASA-CASE-ERC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884 Transient heat transfer gage for measuring total radiant intensity from far ultraviolet and ionized high temperature gases [NASA-CASE-XNP-09802] c33 N71-15641 IONIZERS Description of electrical equipment and system for purification of waste water by producing silver ions for bacterial control [NASA-CASE-NSC-10960-1] c03 N71-24718 Process for fabricating matched pairs of dished screen and accelerator grids for ion thruster accelerator system [NASA-CASE-LEW-11694-1] c28 N73-22721 IONIZING RADIATION High voltage cable for use in high intensity ionizing radiation fields [NASA-CASE-XNP-00738] c09 N70-38201	[NASA-CASE-XLE-00388] c28 N70-34788 JET AIRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] c28 N73-20826 Jet aircraft noise and sonic boom measuring device which converts sound pressure into electric current [NASA-CASE-LAR-11173-1] c14 N73-22387 Development of annular acoustically porous elements for installation in exhaust and inlet ducts of turbofan engine to reduce aircraft engine noise intensity [NASA-CASE-LAR-11141-1] c02 N73-22975 Development of aircraft configuration for reduction of jet aircraft noise by exhausting engine gases over upper surface of wilms [NASA-CASE-LAR-11087-1] c02 N73-26008 Method and apparatus for improving operating
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Electrodes having array of small surfaces for field ionization [NASA-CASE-BRC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884 Transient heat transfer gage for measuring total radiant intensity from far ultraviolet and ionized high temperature gases [NASA-CASE-XNP-09802] c33 N71-15641 IONIZERS Description of electrical equipment and system for purification of waste water by producing silver ions for bacterial control [NASA-CASE-NSC-10960-1] c03 N71-24718 Process for fabricating matched pairs of dished screen and accelerator grids for ion thruster accelerator system [NASA-CASE-LEW-11694-1] c28 N73-22721 IONIZING RADIATION High voltage cable for use in high intensity ionizing radiation fields [NASA-CASE-XNP-00738] c09 N70-38201 Reinforced polyquinoxaline gasket and method of preparing the same resistant to ionizing	[NASA-CASE-XLE-00388] c28 N70-34788 JET AIRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-LAR-10712-1] c28 N73-20826 Jet aircraft noise and sonic boom measuring device which converts sound pressure into electric current [NASA-CASE-LAR-11173-1] c14 N73-22387 Development of annular acoustically porous elements for installation in exhaust and inlet ducts of turbofan engine to reduce aircraft engine noise intensity [NASA-CASE-LAR-11141-1] c02 N73-22975 Development of aircraft configuration for reduction of jet aircraft noise by exhausting engine gases over upper surface of wing [NASA-CASE-LAR-11087-1] c02 N73-26008 Method and apparatus for improving operating efficiency and reducing low speed noise for turbine aircraft engines [NASA-CASE-LAR-11310-1] c28 N73-31699 JET AMPLIFIERS Fluid jet amplifier with fluid from jet nozzle
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Electrodes having array of small surfaces for field ionization [NASA-CASE-ERC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884 Transient heat transfer gage for measuring total radiant intensity from far ultraviolet and ionized high temperature gases [NASA-CASE-XNP-09802] c33 N71-15641 IONIZERS Description of electrical equipment and system for purification of waste water by producing silver ions for bacterial control [NASA-CASE-NSC-10960-1] c03 N71-24718 Process for fabricating matched pairs of dished screen and accelerator grids for ion thruster accelerator system [NASA-CASE-LEW-11694-1] c28 N73-22721 IONIZING RADIATION High voltage cable for use in high intensity ionizing radiation fields [NASA-CASE-XNP-00738] c09 N70-38201 Reinforced polyquinoxaline gasket and method of preparing the same resistant to ionizing radiation and liquid hydrogen temperatures [NASA-CASE-NFS-21364-1] c15 N74-18126 IONOSPHERE Lightweight, rugged, inexpensive satellite battery for producing electrical power from	[NASA-CASE-XLE-00388] c28 N70-34788 JET AIRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] c28 N73-20826 Jet aircraft noise and sonic boom measuring device which converts sound pressure into electric current [NASA-CASE-LAR-11173-1] c14 N73-22387 Development of annular acoustically porous elements for installation in exhaust and inlet ducts of turbofan engine to reduce aircraft engine noise intensity [NASA-CASE-LAR-11141-1] c02 N73-22975 Development of aircraft configuration for reduction of jet aircraft noise by exhausting engine gases over upper surface of wing [NASA-CASE-LAR-11087-1] c02 N73-26008 Method and apparatus for improving operating efficiency and reducing low speed noise for turbine aircraft engines [NASA-CASE-LAR-11310-1] c28 N73-31699 JET AMPLIFIERS Fluid jet amplifier with fluid from jet nozzle deflected by inlet pressure [NASA-CASE-XLE-035512] c12 N69-21466
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Electrodes having array of small surfaces for field ionization [NASA-CASE-BRC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884 Transient heat transfer gage for measuring total radiant intensity from far ultraviolet and ionized high temperature gases [NASA-CASE-XNP-09802] c33 N71-15641 IONIZERS Description of electrical equipment and system for purification of waste water by producing silver ions for bacterial control [NASA-CASE-NSC-10960-1] c03 N71-24718 Process for fabricating matched pairs of dished screen and accelerator grids for ion thruster accelerator system [NASA-CASE-LEW-11694-1] c28 N73-22721 IONIZING RADIATION High voltage cable for use in high intensity ionizing radiation fields [NASA-CASE-NPP-00738] c09 N70-38201 Reinforced polyquinoxaline gasket and method of preparing the same resistant to ionizing radiation and liquid hydrogen temperatures [NASA-CASE-NFS-21364-1] c15 N74-18126 IONOSPHERE Lightweight, rugged, inexpensive satellite battery for producing electrical power from ionosphere using electrodes with different contact potentials	[NASA-CASE-XLE-00388] c28 N70-34788 JET AIRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] c28 N73-20826 Jet aircraft noise and sonic boom measuring device which converts sound pressure into electric current [NASA-CASE-LAR-11173-1] c14 N73-22387 Development of annular acoustically porous elements for installation in exhaust and inlet ducts of turbofan engine to reduce aircraft engine noise intensity [NASA-CASE-LAR-11141-1] c02 N73-22975 Development of aircraft configuration for reduction of jet aircraft noise by exhausting engine gases over upper surface of wing [NASA-CASE-LAR-11087-1] c02 N73-26008 Method and apparatus for improving operating efficiency and reducing low speed noise for turbine aircraft engines [NASA-CASE-LAR-11310-1] c28 N73-31699 JET AMPLIFIERS Fluid jet amplifier with fluid from jet nozzle deflected by inlet pressure [NASA-CASE-XLE-03512] c12 N69-21466 Fluid control jet amplifiers [NASA-CASE-XLE-09341] c12 N71-28741
Electrodes having array of small surfaces for field ionization [NASA-CASE-BRC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884 Transient heat transfer gage for measuring total radiant intensity from far ultraviolet and ionized high temperature gases [NASA-CASE-XNP-09802] c33 N71-15641 IONIZERS Description of electrical equipment and system for purification of waste water by producing silver ions for bacterial control [NASA-CASE-MSC-10960-1] c03 N71-24718 Process for fabricating matched pairs of dished screen and accelerator grids for ion thruster accelerator system [NASA-CASE-LEW-11694-1] c28 N73-22721 IONIZING RADIATION High voltage cable for use in high intensity ionizing radiation fields [NASA-CASE-XNP-00738] c09 N70-38201 Reinforced polyquinoxaline gasket and method of preparing the same resistant to ionizing radiation and liquid hydrogen temperatures [NASA-CASE-MFS-21364-1] c15 N74-18126 IONOSPHERE Lightweight, rugged, inexpensive satellite battery for producing electrical power from ionosphere using electrodes with different contact potentials [NASA-CASE-XGS-01593] c03 N70-35408	[NASA-CASE-XLE-00388] c28 N70-34788 JET AIRCRAFT MOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] c28 N73-20826 Jet aircraft noise and sonic boom measuring device which converts sound pressure into electric current [NASA-CASE-LAR-11173-1] c14 N73-22387 Development of annular acoustically porous elements for installation in exhaust and inlet ducts of turbofan engine to reduce aircraft engine noise intensity [NASA-CASE-LAR-11141-1] c02 N73-22975 Development of aircraft configuration for reduction of jet aircraft noise by exhausting engine gases over upper surface of wing [NASA-CASE-LAR-11087-1] c02 N73-26008 Method and apparatus for improving operating efficiency and reducing low speed noise for turbine aircraft engines [NASA-CASE-LAR-11310-1] c28 N73-31699 JET AMPLIFIERS Fluid jet amplifier with fluid from jet nozzle deflected by inlet pressure [NASA-CASE-XLE-03512] c12 N69-21466 Fluid control jet amplifiers [NASA-CASE-XLE-09341] c12 N71-28741
Electrodes having array of small surfaces for field ionization [NASA-CASE-ERC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884 Transient heat transfer gage for measuring total radiant intensity from far ultraviolet and ionized high temperature gases [NASA-CASE-XNP-09802] c33 N71-15641 IONIZERS Description of electrical equipment and system for purification of waste water by producing silver ions for bacterial control [NASA-CASE-NSC-10960-1] c03 N71-24718 Process for fabricating matched pairs of dished screen and accelerator grids for ion thruster accelerator system [NASA-CASE-LEW-11694-1] c28 N73-22721 IONIZING RADIATION High voltage cable for use in high intensity ionizing radiation fields [NASA-CASE-XNP-00738] c09 N70-38201 Reinforced polyquinoxaline gasket and method of preparing the same resistant to ionizing radiation and liquid hydrogen temperatures [NASA-CASE-MFS-21364-1] c15 N74-18126 IONOSPHERE Lightweight, rugged, inexpensive satellite battery for producing electrical power from ionosphere using electrodes with different contact potentials [NASA-CASE-XGS-01593] c03 N70-35408	[NASA-CASE-XLE-00388] c28 N70-34788 JET AIRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] c28 N73-20826 Jet aircraft noise and sonic boom measuring device which converts sound pressure into electric current [NASA-CASE-LAR-11173-1] c14 N73-22387 Development of annular acoustically porous elements for installation in exhaust and inlet ducts of turbofan engine to reduce aircraft engine noise intensity [NASA-CASE-LAR-11141-1] c02 N73-22975 Development of aircraft configuration for reduction of jet aircraft noise by exhausting engine gases over upper surface of wing [NASA-CASE-LAR-11087-1] c02 N73-26008 Method and apparatus for improving operating efficiency and reducing low speed noise for turbine aircraft engines [NASA-CASE-LAR-11310-1] c28 N73-31699 JET AMPLIFIERS Fluid jet amplifier with fluid from jet nozzle deflected by inlet pressure [NASA-CASE-XLE-03512] c12 N69-21466 Fluid control jet amplifiers [NASA-CASE-XLE-03512] c12 N69-21466 Fluid control jet amplifiers [NASA-CASE-XLE-03512] c12 N71-28741 JET BLAST EFFECTS Separation mechanism for use between stages of
Electrodes having array of small surfaces for field ionization [NASA-CASE-ERC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884 Transient heat transfer gage for measuring total radiant intensity from far ultraviolet and ionized high temperature gases [NASA-CASE-XNP-09802] c33 N71-15641 IONIZERS Description of electrical equipment and system for purification of waste water by producing silver ions for bacterial control [NASA-CASE-MSC-10960-1] c03 N71-24718 Process for fabricating matched pairs of dished screen and accelerator grids for ion thruster accelerator system [NASA-CASE-LEW-11694-1] c28 N73-22721 IONIZING RADIATION High voltage cable for use in high intensity ionizing radiation fields [NASA-CASE-XNP-00738] c09 N70-38201 Reinforced polyquinoxaline gasket and method of preparing the same resistant to ionizing radiation and liquid hydrogen temperatures [NASA-CASE-NFS-21364-1] c15 N74-18126 IONOSPHERE Lightweight, rugged, inexpensive satellite battery for producing electrical power from ionosphere using electrodes with different contact potentials [NASA-CASE-XGS-01593] c03 N70-35408 Hicrometeoroid analyzer using arrays of	[NASA-CASE-XLE-00388] c28 N70-34788 JET AIRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] c28 N73-20826 Jet aircraft noise and sonic boom measuring device which converts sound pressure into electric current [NASA-CASE-LAR-11173-1] c14 N73-22387 Development of annular acoustically porous elements for installation in exhaust and inlet ducts of turbofan engine to reduce aircraft engine noise intensity [NASA-CASE-LAR-11141-1] c02 N73-22975 Development of aircraft configuration for reduction of jet aircraft noise by exhausting engine gases over upper surface of wing [NASA-CASE-LAR-11087-1] c02 N73-26008 Method and apparatus for improving operating efficiency and reducing low speed noise for turbine aircraft engines [NASA-CASE-LAR-11310-1] c28 N73-31699 JET AMPLIFIERS Fluid jet amplifier with fluid from jet nozzle deflected by inlet pressure [NASA-CASE-XLE-03512] c12 N69-21466 Fluid control jet amplifiers [NASA-CASE-XLE-09341] c12 N71-28741 JET BLAST EFFECTS Separation mechanism for use between stages of multistage rocket vehicles
Electrodes having array of small surfaces for field ionization [NASA-CASE-BRC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884 Transient heat transfer gage for measuring total radiant intensity from far ultraviolet and ionized high temperature gases [NASA-CASE-XNP-09802] c33 N71-15641 IONIZERS Description of electrical equipment and system for purification of waste water by producing silver ions for bacterial control [NASA-CASE-NSC-10960-1] c03 N71-24718 Process for fabricating matched pairs of dished screen and accelerator grids for ion thruster accelerator system [NASA-CASE-LEW-11694-1] c28 N73-22721 IONIZING RADIATION High voltage cable for use in high intensity ionizing radiation fields [NASA-CASE-NPP-00738] c09 N70-38201 Reinforced polyquinoxaline gasket and method of preparing the same resistant to ionizing radiation and liquid hydrogen temperatures [NASA-CASE-NFS-21364-1] c15 N74-18126 IONOSPHERE Lightweight, rugged, inexpensive satellite battery for producing electrical power from ionosphere using electrodes with different contact potentials [NASA-CASE-XGS-01593] c03 N70-35408 Hicrometeoroid analyzer using arrays of interconnected capacitors and ion detector	[NASA-CASE-XLE-00388] c28 N70-34788 JET AIRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] c28 N73-20826 Jet aircraft noise and sonic boom measuring device which converts sound pressure into electric current [NASA-CASE-LAR-11173-1] c14 N73-22387 Development of annular acoustically porous elements for installation in exhaust and inlet ducts of turbofan engine to reduce aircraft engine noise intensity [NASA-CASE-LAR-11141-1] c02 N73-22975 Development of aircraft configuration for reduction of jet aircraft noise by exhausting engine gases over upper surface of wing [NASA-CASE-LAR-11087-1] c02 N73-26008 Method and apparatus for improving operating efficiency and reducing low speed noise for turbine aircraft engines [NASA-CASE-LAR-11310-1] c28 N73-31699 JET AMPLIFIERS Fluid jet amplifier with fluid from jet nozzle deflected by inlet pressure [NASA-CASE-XLE-03512] c12 N69-21466 Fluid control jet amplifiers [NASA-CASE-XLE-09341] c12 N71-28741 JET BLAST EFFECTS Separation mechanism for use between stages of nultistage rocket vehicles [NASA-CASE-XLA-00188] c15 N71-22874
Electrodes having array of small surfaces for field ionization [NASA-CASE-BRC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884 Transient heat transfer gage for measuring total radiant intensity from far ultraviolet and ionized high temperature gases [NASA-CASE-XNP-09802] c33 N71-15641 IONIZERS Description of electrical equipment and system for purification of waste water by producing silver ions for bacterial control [NASA-CASE-NSC-10960-1] c03 N71-24718 Process for fabricating matched pairs of dished screen and accelerator grids for ion thruster accelerator system [NASA-CASE-LEW-11694-1] c28 N73-22721 IONIZING RADIATION High voltage cable for use in high intensity ionizing radiation fields [NASA-CASE-NP-00738] c09 N70-38201 Reinforced polyquinoxaline gasket and method of preparing the same resistant to ionizing radiation and liquid hydrogen temperatures [NASA-CASE-NFS-21364-1] c15 N74-18126 IONOSPHERE Lightweight, rugged, inexpensive satellite battery for producing electrical power from ionosphere using electrodes with different contact potentials [NASA-CASE-XGS-01593] c03 N70-35408 Hicrometeoroid analyzer using arrays of interconnected capacitors and ion detector	[NASA-CASE-XLE-00388] c28 N70-34788 JET AIRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] c28 N73-20826 Jet aircraft noise and sonic boom measuring device which converts sound pressure into electric current [NASA-CASE-LAR-11173-1] c14 N73-22387 Development of annular acoustically porous elements for installation in exhaust and inlet ducts of turbofan engine to reduce aircraft engine noise intensity [NASA-CASE-LAR-11141-1] c02 N73-22975 Development of aircraft configuration for reduction of jet aircraft noise by exhausting engine gases over upper surface of wing [NASA-CASE-LAR-11087-1] c02 N73-26008 Method and apparatus for improving operating efficiency and reducing low speed noise for turbine aircraft engines [NASA-CASE-LAR-11310-1] c28 N73-31699 JET AMPLIFIERS Fluid jet amplifier with fluid from jet nozzle deflected by inlet pressure [NASA-CASE-XLE-03512] c12 N69-21466 Fluid control jet amplifiers [NASA-CASE-XLE-03512] c12 N71-28741 JET BLAST EFFECTS Separation mechanism for use between stages of multistage rocket vehicles [NASA-CASE-XLE-03618] c15 N71-22874 JET CONTROL Attitude control device for space vehicles
Electrodes having array of small surfaces for field ionization [NASA-CASE-ERC-10013] c09 N71-26678 IONIZED GASES Plasma probes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884 Transient heat transfer gage for measuring total radiant intensity from far ultraviolet and ionized high temperature gases [NASA-CASE-XNP-09802] c33 N71-15641 IONIZERS Description of electrical equipment and system for purification of waste water by producing silver ions for bacterial control [NASA-CASE-NSC-10960-1] c03 N71-24718 Process for fabricating matched pairs of dished screen and accelerator grids for ion thruster accelerator system [NASA-CASE-LEW-11694-1] c28 N73-22721 IONIZING RADIATION High voltage cable for use in high intensity ionizing radiation fields [NASA-CASE-XNP-00738] c09 N70-38201 Reinforced polyquinoxaline gasket and method of preparing the same resistant to ionizing radiation and liquid hydrogen temperatures [NASA-CASE-NFS-21364-1] c15 N74-18126 IONOSPHERE Lightweight, rugged, inexpensive satellite battery for producing electrical power from ionosphere using electrodes with different contact potentials [NASA-CASE-XGS-01593] c03 N70-35408 Hicrometeoroid analyzer using arrays of interconnected capacitors and ion detector [NASA-CASE-ARC-10443-1] c14 N73-20477	[NASA-CASE-XLE-00388] c28 N70-34788 JET AIRCRAFT NOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] c28 N73-20826 Jet aircraft noise and sonic boom measuring device which converts sound pressure into electric current [NASA-CASE-LAR-11173-1] c14 N73-22387 Development of annular acoustically porous elements for installation in exhaust and inlet ducts of turbofan engine to reduce aircraft engine noise intensity [NASA-CASE-LAR-11141-1] c02 N73-22975 Development of aircraft configuration for reduction of jet aircraft noise by exhausting engine gases over upper surface of wing [NASA-CASE-LAR-11087-1] c02 N73-26008 Method and apparatus for improving operating efficiency and reducing low speed noise for turbine aircraft engines [NASA-CASE-LAR-11310-1] c28 N73-31699 JET AMPLIFIERS Fluid jet amplifier with fluid from jet nozzle deflected by inlet pressure [NASA-CASE-XLE-03512] c12 N69-21466 Fluid control jet amplifiers [NASA-CASE-XLE-09341] c12 N71-28741 JET BLAST EFFECTS Separation mechanism for use between stages of nultistage rocket vehicles [NASA-CASE-XLA-00188] c15 N71-22874
Electrodes having array of small surfaces for field ionization [NASA-CASE-ERC-10013]	[NASA-CASE-XLE-00388] JET AIRCRAFT MOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] QUE N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] Jet aircraft noise and sonic boom measuring device which converts sound pressure into electric current [NASA-CASE-ARR-11173-1] Development of annular acoustically porous elements for installation in exhaust and inlet ducts of turbofan engine to reduce aircraft engine noise intensity [NASA-CASE-LAR-11141-1] Development of aircraft configuration for reduction of jet aircraft noise by exhausting engine gases over upper surface of wing [NASA-CASE-LAR-11087-1] Method and apparatus for improving operating efficiency and reducing low speed noise for turbine aircraft engines [NASA-CASE-LAR-11310-1] JET AMPLIFIERS Fluid jet amplifier with fluid from jet nozzle deflected by inlet pressure [NASA-CASE-XLE-03341] JET BLAST EFFECTS Separation mechanism for use between stages of nultistage rocket vehicles [NASA-CASE-XLE-03341] JET BLAST EFFECTS Separation mechanism for use between stages of nultistage rocket vehicles [NASA-CASE-XLA-00188] C15 N71-22874 JET CONTROL Attitude control device for space vehicles [NASA-CASE-XLA-00294] JET HGINES
Electrodes having array of small surfaces for field ionization [NASA-CASE-BRC-10013] cog N71-26678 IONIZED GASES Plasma prohes having guard ring and primary sensor at same potential to prevent stray wall current collection in ionized gases [NASA-CASE-XIE-00690] c25 N69-39884 Transient heat transfer gage for measuring total radiant intensity from far ultraviolet and ionized high temperature gases [NASA-CASE-XNP-09802] c33 N71-15641 IONIZENS Description of electrical equipment and system for purification of waste water by producing silver ions for bacterial control [NASA-CASE-NSC-10960-1] c03 N71-24718 Process for fabricating matched pairs of dished screen and accelerator grids for ion thruster accelerator system [NASA-CASE-ISE-11694-1] c28 N73-22721 IONIZING BADIATION High voltage cable for use in high intensity ionizing radiation fields [NASA-CASE-XNP-00738] c09 N70-38201 Reinforced polyquinoxaline gasket and method of preparing the same resistant to ionizing radiation and liquid hydrogen temperatures [NASA-CASE-MFS-21364-1] c15 N74-18126 IONOSPHERE Lightweight, rugged, inexpensive satellite battery for producing electrical power from ionosphere using electrodes with different contact potentials [NASA-CASE-XGS-01593] c03 N70-35408 IONS Micrometeoroid analyzer using arrays of interconnected capacitors and ion detector [NASA-CASE-ARC-10443-1] c14 N73-20477 IRISES (MECHANICAL APRETURES) Waveguide, thin film window and microwave irises [NASA-CASE-LAR-10513-1] c07 N72-25170 Development of thin film microwave iris	[NASA-CASE-XLE-00388] c28 N70-34788 JET AIRCRAFT MOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] c02 N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-XLA-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] c28 N73-20826 Jet aircraft noise and sonic hoom measuring device which converts sound pressure into electric current [NASA-CASE-LAR-11173-1] c14 N73-22387 Development of annular acoustically porous elements for installation in exhaust and inlet ducts of turbofan engine to reduce aircraft engine noise intensity [NASA-CASE-LAR-11141-1] c02 N73-22975 Development of aircraft configuration for reduction of jet aircraft noise by exhausting engine gases over upper surface of wing [NASA-CASE-LAR-11087-1] c02 N73-26008 Method and apparatus for improving operating efficiency and reducing low speed noise for turbine aircraft engines [NASA-CASE-LAR-11310-1] c28 N73-31699 JET AMPLIFIERS Fluid jet amplifier with fluid from jet nozzle deflected by inlet pressure [NASA-CASE-XLE-03512] c12 N69-21466 Fluid control jet amplifiers [NASA-CASE-XLE-09341] c12 N71-28741 JET BLAST EFFECTS Separation mechanism for use between stages of nultistage rocket vehicles [NASA-CASE-XLE-09341] c15 N71-22874 JET CONTROL Attitude control device for space vehicles [NASA-CASE-XLA-00188] c15 N71-22874 JET RIMSA-CASE-XLA-00188] c15 N71-22874 JET RIMSA-CASE-XLA-00188] c21 N70-36938 JET ZMGINES Absorptive, nonreflecting barrier mounted
Electrodes having array of small surfaces for field ionization [NASA-CASE-ERC-10013]	[NASA-CASE-XLE-00388] JET AIRCRAFT MOISE Upper surface, external flow, jet-augmented flap configuration for high wing jet aircraft for noise reduction [NASA-CASE-XLA-00087] QUE N70-33332 Jet aircraft exhaust nozzle for noise reduction [NASA-CASE-LAR-10951-1] Reduction of jet engine noise due to turbulent mixing of exhaust gases with ambient atmosphere [NASA-CASE-ARC-10712-1] Jet aircraft noise and sonic boom measuring device which converts sound pressure into electric current [NASA-CASE-ARR-11173-1] Development of annular acoustically porous elements for installation in exhaust and inlet ducts of turbofan engine to reduce aircraft engine noise intensity [NASA-CASE-LAR-11141-1] Development of aircraft configuration for reduction of jet aircraft noise by exhausting engine gases over upper surface of wing [NASA-CASE-LAR-11087-1] Method and apparatus for improving operating efficiency and reducing low speed noise for turbine aircraft engines [NASA-CASE-LAR-11310-1] JET AMPLIFIERS Fluid jet amplifier with fluid from jet nozzle deflected by inlet pressure [NASA-CASE-XLE-03341] JET BLAST EFFECTS Separation mechanism for use between stages of nultistage rocket vehicles [NASA-CASE-XLE-03341] JET BLAST EFFECTS Separation mechanism for use between stages of nultistage rocket vehicles [NASA-CASE-XLA-00188] C15 N71-22874 JET CONTROL Attitude control device for space vehicles [NASA-CASE-XLA-00294] JET HGINES

interference	[NASA+CASE-XNP-10475] c15 N71-24679
[NASA-CASE-XLA-02865] c28 N71-15563	Method and apparatus for precision sizing and
Development of thrust dynamometer for measuring	joining of large diameter tubes by bulging or
performance of jet and rocket engines	constricting overlapping ends
[NASA-CASE-XLE-05260] c14 N71-20429	[NASA-CASE-XMF-05114-2]
Afterburner-equipped jet engine nacelle with slotted configuration afterbody	Universal joints for connecting two displaced shafts or members
[NASA-CASE-XLA-10450]	[NASA-CASE-NPO-10646] c15 N71-28467
Process for welding compressor and turbine	Flexible bellows joint shielding sleeve for
blades to rotors and discs of jet engines	propellant transfer pipelines
[NASA-CASE-LEG-10533-1] c15 N73-28515	[NASA-CASE-XNP-01855] c15 K71-28937
JET EXHAUST Development of aircraft configuration for	Mechanism for restraining universal joints to
reduction of jet aircraft hoise by exhausting	prevent separation while allowing bending, angulation, and lateral offset in any position
engine gases over upper surface of wing	about axis
[NASA-CASE-LAR-11087-1] c02 N73-26008	[NASA-CASE-XNP-02278] c15 N71-28951
JET PLAPS	Reduction of peak shear stress in bonded joint
Opper surface, external flow, jet-augmented flap	[NASA-CASE-LAR-10900-1] c15 N73-10499
Configuration for high wing jet aircraft for noise reduction	Explosive welding of thin metal scarf joint [NASA-CASE-LAR-11211-1] c15 N73-14480
[NASA-CASE-XLA-00087] C02 N70-33332	Improved latching device for joining structural
JET FLOU	components in motionless relationship
Two-phase flow system with discrete, impinging	[NASA-CASE-MFS-21606-1] c15 N73-22417
two-phase jets	Diffusion welding in air solid state welding
[NASA-CASE-NPO-11556] c12 N72-25292 JET BIXING FLOH	of butt joint by fusion welding, surface cleaning, and heating
Fuel injection system for maximum combustion	[NASA-CASE-LBH-11387-1] c15 N74-18128
efficiency of rocket engines	JOSEPHSON JUNCTIONS
[NASA-CASE-XLE-00111] c28 N70-38199	A doped Josephson tunneling junction for use in
JET NOZZLES	a sensitive IR detector
Fluid jet amplifier with fluid from jet nozzle	[NASA-CASE-NPO-13348-1] c14 N74-20022
deflected by inlet pressure [NASA-CASE-XLE-03512] c12 N69-21466	JOULE-THOMSON EFFECT Gas balancing, cryogenic refrigeration apparatus
Thrust and attitude control apparatus using jet	with Joule-Thomson valve assembly
nozzle in movable canard surface or fin	[NASA-CASE-NPO-10309] c15 N69-23190
configuration	JOURNAL BEARINGS
[NASA-CASE-XLE-03583] c31 N71-17629	Slit regulated gas journal bearing
Heater-mixer for stored fluids [NASA-CASE-ARC-10442-1] c14 N74-15093	[NASA-CASE-XNP-00476] c15 N70-38620 Journal air bearing with cylindrical Cup
JET THROST	designed to ride on shaft
System for aerodynamic control of rocket	[NASA-CASE-MFS-20423] c15 N72-11388
vehicles by secondary injection of fluid into	Bearing sectors for controlling self excited
nozzle exhaust stream	instability of journal bearing shafts rotating
[NASA-CASE-XLA-01163] c21 N71-15582	at high speeds in low viscosity lubricants
[NASA~CASE-XLA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude	at high speeds in low viscosity lubricants [NASA-CASE-LEM-11076~2] .c15 x73-20533
[NASA-CASE-XLA-01163] c21 N71-15582	at high speeds in low viscosity lubricants
[NASA~CASE-XLA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XMF-01598] c21 N71-15583 JETTISON SYSTEMS	at high speeds in low viscosity lubricants [NASA-CASE-LEM-11076-2] .c15 N73-20533 , Journal bearings [NASA-CASE-LEM-11076-3] .c15 N74-10475 Journal bearings
[NASA-CASE-XLA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XHF-01598] c21 N71-15503 JETTISON SYSTEMS Describing assembly for opening stabilizing and	at high speeds in low viscosity lubricants [NASA-CASE-LEB-11076-2] .c15 N73-20533 , Journal bearings [NASA-CASE-LEB-11076-3] .c15 N74-10475 JOURNAL bearings [NASA-CASE-LEB-11076-4] .c15 N74-18134
[NASA-CASE-XLA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XHF-01598] c21 N71-15583 JETTISON SYSTEMS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in	at high speeds in low viscosity lubricants [NASA-CASE-LEH-11076-2] c15 N73-20533 Journal bearings [NASA-CASE-LEH-11076-3] c15 N74-10475 JOURNAL bearings [NASA-CASE-LEH-11076-4] c15 N74-18134 Journal bearings for lubricant films
[NASA-CASE-YLA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-YHF-01598] c21 N71-15583 JETTISON SYSTEMS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research	at high speeds in low viscosity lubricants [NASA-CASE-LEB-11076~2] .c15 N73-20533 Journal bearings [NASA-CASE-LEB-11076-3] .c15 N74-10475 JOURNAL bearings [NASA-CASE-LEB-11076-4] .c15 N74-18134 JOURNAL bearings for lubricant films [NASA-CASE-LEB-11076-1] .c15 N74-21061
[NASA-CASE-XLA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XHF-01598] c21 N71-15583 JETTISON SYSTEMS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in	at high speeds in low viscosity lubricants [NASA-CASE-LEW-11076-2] .c15 N73-20533 Journal bearings [NASA-CASE-LEW-11076-3] .c15 N74-10475 Journal bearings [NASA-CASE-LEW-11076-4] .c15 N74-18134 Journal bearings for lubricant films [NASA-CASE-LEW-11076-1] .c15 N74-21061 JUECTION DIODES
[NASA-CASE-YLA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XHF-01598] c21 N71-15583 JETTISON SYSTEMS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XHF-03169] c31 N71-15675 System for deploying and ejecting releasable clamshell fairing sections from spinning	at high speeds in low viscosity lubricants [NASA-CASE-LEM-11076-2] .c15 N73-20533 . JOURNAL bearings [NASA-CASE-LEM-11076-3] .c15 N74-10475 JOURNAL bearings [NASA-CASE-LEM-11076-4] .c15 N74-18134 JOURNAL bearings for lubricant films [NASA-CASE-LEM-11076-1] .c15 N74-21061 JUBCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays
[NASA-CASE-ILA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XHF-01598] c21 N71-15583 JETTISON SYSTEHS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XHF-03169] c31 N71-15675 System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets	at high speeds in low viscosity lubricants [NASA-CASE-LEM-11076-2] .c15 N73-20533 Journal bearings [NASA-CASE-LEM-11076-3] .c15 N74-10475 JOURNAL bearings [NASA-CASE-LEM-11076-4] .c15 N74-18134 JOURNAL bearings for lubricant films [NASA-CASE-LEM-11076-1] .c15 N74-21061 JUNCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] .c09 N73-19235
[NASA-CASE-ILA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XMF-01598] c21 N71-15583 JETTISON SYSTEMS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XMF-03169] c31 N71-15675 System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-GSC-10590-1] c31 N73-14853	at high speeds in low viscosity lubricants [NASA-CASE-LEW-11076-2] .c15 N73-20533 Journal bearings [NASA-CASE-LEW-11076-3] .c15 N74-10475 Journal bearings [NASA-CASE-LEW-11076-4] .c15 N74-18134 Journal bearings for lubricant films [NASA-CASE-LEW-11076-1] .c15 N74-21061 JUBCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] .c09 N73-19235 JUBCTION TRANSISTORS
[NASA-CASE-ILA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XHF-01598] c21 N71-15583 JETTISON SYSTEMS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XHF-03169] c31 N71-15675 System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-GSC-10590-1] c31 N73-14853 JOINING	at high speeds in low viscosity lubricants [NASA-CASE-LEW-11076-2] .c15 N73-20533 Journal bearings [NASA-CASE-LEW-11076-3] .c15 N74-10475 Journal bearings [NASA-CASE-LEW-11076-4] .c15 N74-18134 Journal bearings for lubricant films [NASA-CASE-LEW-11076-1] .c15 N74-21061 JUBCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] .c09 N73-19235 JUBCTION TRANSISTORS Apparatus for ballasting high frequency
[NASA-CASE-ILA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XMF-01598] c21 N71-15583 JETTISON SYSTEMS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XMF-03169] c31 N71-15675 System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-GSC-10590-1] c31 N73-14853	at high speeds in low viscosity lubricants [NASA-CASE-LEM-11076-2] .c15 N73-20533 Journal bearings [NASA-CASE-LEM-11076-3] .c15 N74-10475 JOURNAL bearings [NASA-CASE-LEM-11076-4] .c15 N74-18134 JOURNAL bearings for lubricant films [NASA-CASE-LEM-11076-1] .c15 N74-21061 JUBCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] .c09 N73-19235 JUBCTION TRANSISTORS Apparatus for ballasting high frequency transistors
[NASA-CASE-ILA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XMF-01598] c21 N71-15583 JETTISON SYSTEMS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XMF-03169] c31 N71-15675 System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-GSC-10590-1] c31 N73-14853 JOISING Transparent plastic film for attaching cover glasses to silicon solar cells [NASA-CASE-LEW-11065-1] c03 N72-11064	at high speeds in low viscosity lubricants [NASA-CASE-LEW-11076-2] .c15 N73-20533 Journal bearings [NASA-CASE-LEW-11076-3] .c15 N74-10475 Journal bearings [NASA-CASE-LEW-11076-4] .c15 N74-18134 Journal bearings for lubricant films [NASA-CASE-LEW-11076-1] .c15 N74-21061 JUBCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] .c09 N73-19235 JUBCTION TRANSISTORS Apparatus for ballasting high frequency
[NASA-CASE-ILA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XHF-01598] c21 N71-15583 JETTISON SYSTEMS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XHF-03169] c31 N71-15675 System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-GSC-10590-1] c31 N73-14853 JOIFING Transparent plastic film for attaching cover glasses to silicon solar cells [NASA-CASE-LEW-11065-1] c03 N72-11064 JOINTS (ANATOHY)	at high speeds in low viscosity lubricants [NASA-CASE-LEM-11076-2] .c15 N73-20533 . JOUTHAL bearings [NASA-CASE-LEM-11076-3] .c15 N74-10475 JOUTHAL bearings [NASA-CASE-LEM-11076-4] .c15 N74-18134 JOUTHAL bearings for lubricant films [NASA-CASE-LEM-11076-1] .c15 N74-21061 JUNCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] .c09 N73-19235 JUNCTION TRANSISTORS Apparatus for ballasting high frequency transistors [NASA-CASE-MGS-05003] Miniature piezojunction semiconductor transducer with in situ stress coupling
[NASA-CASE-YLA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XHF-01598] c21 N71-15583 JETTISON SYSTEMS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XHF-03169] c31 N71-15675 System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-GSC-10590-1] c31 N73-14853 JOIFING Transparent plastic film for attaching cover glasses to silicon solar cells [NASA-CASE-LEW-11065-1] c03 N72-11064 JOINTS (ANATOHY) Space suit with pressure-volume compensator system	at high speeds in low viscosity lubricants [NASA-CASE-LEM-11076-2] .c15 N73-20533 Journal bearings [NASA-CASE-LEM-11076-3] .c15 N74-10475 Journal bearings [NASA-CASE-LEM-11076-4] .c15 N74-18134 Journal bearings for lubricant films [NASA-CASE-LEM-11076-1] .c15 N74-21061 JUBCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] .c09 N73-19235 JUBCTION TRANSISTORS Apparatus for ballasting high frequency transistors [NASA-CASE-MGS-05003] .c09 N69-24318 Miniature piezojunction semiconductor transducer
[NASA-CASE-ILA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XHF-01598] c21 N71-15583 JETTISON SYSTEMS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XHF-03169] c31 N71-15675 System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-GSC-10590-1] c31 N73-14853 JOIFING Transparent plastic film for attaching cover glasses to silicon solar cells [NASA-CASE-LEW-11065-1] c03 N72-11064 JOINTS (ANATOHY)	at high speeds in low viscosity lubricants [NASA-CASE-LBH-11076-2] .c15 N73-20533 Journal bearings [NASA-CASE-LBH-11076-3] .c15 N74-10475 JOURNAL bearings [NASA-CASE-LEH-11076-4] .c15 N74-18134 JOURNAL bearings for lubricant films [NASA-CASE-LEH-11076-1] .c15 N74-21061 JUNCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] .c09 N73-19235 JUNCTION TRANSISTORS Apparatus for ballasting high frequency transistors [NASA-CASE-IGS-05003] .c09 N69-24318 Miniature piezojunction semiconductor transducer with in situ stress coupling [NASA-CASE-BRC-10087-2] .c14 N72-31446
[NASA-CASE-ILA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XHF-01598] c21 N71-15583 JETTISON SYSTEHS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XHF-03169] c31 N71-15675 System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-GSC-10590-1] c31 N73-14853 JOINING Transparent plastic film for attaching cover glasses to silicon solar cells [NASA-CASE-LEW-11065-1] c03 N72-11064 JOINTS (ANATOHY) Space suit with pressure-volume compensator system [NASA-CASE-XLA-05332] c05 N71-11194	at high speeds in low viscosity lubricants [NASA-CASE-LEM-11076-2] .c15 N73-20533 . JOUTHAL bearings [NASA-CASE-LEM-11076-3] .c15 N74-10475 JOUTHAL bearings [NASA-CASE-LEM-11076-4] .c15 N74-18134 JOUTHAL bearings for lubricant films [NASA-CASE-LEM-11076-1] .c15 N74-21061 JUNCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] .c09 N73-19235 JUNCTION TRANSISTORS Apparatus for ballasting high frequency transistors [NASA-CASE-MGS-05003] Miniature piezojunction semiconductor transducer with in situ stress coupling
[NASA-CASE-YLA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XHF-01598] c21 N71-15583 JETTISON SYSTEHS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XHF-03169] c31 N71-15675 System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-GSC-10590-1] c31 N73-14853 JOINING Transparent plastic film for attaching cover glasses to silicon solar cells [NASA-CASE-LEW-17065-1] c03 N72-17064 JOINTS (ANATORY) Space suit with pressure-volume compensator system [NASA-CASE-YLA-05332] c05 N71-11194 Equipotential space suits utilizing mechanical aids to minimize astronaut energy at bending joints	at high speeds in low viscosity lubricants [NASA-CASE-LEM-11076-2] .c15 N73-20533 Journal bearings [NASA-CASE-LEM-11076-3] .c15 N74-10475 JOURNAL bearings [NASA-CASE-LEM-11076-4] .c15 N74-18134 JOURNAL bearings for lubricant films [NASA-CASE-LEM-11076-1] .c15 N74-21061 JUBCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] .c09 N73-19235 JUBCTION TRANSISTORS Apparatus for ballasting high frequency transistors [NASA-CASE-KGS-05003] .c09 N69-24318 Miniature piezojunction semiconductor transducer with in situ stress coupling [NASA-CASE-ERC-10087-2] .c14 N72-31446 KINETIC ENERGY
[NASA-CASE-ILA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XHF-01598] c21 N71-15583 JETTISON SYSTEHS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XHF-03169] c31 N71-15675 System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-GSC-10590-1] c31 N73-14853 JOINING Transparent plastic film for attaching cover glasses to silicon solar cells [NASA-CASE-LEW-11065-1] c03 N72-11064 JOINTS (ANATOHY) Space suit with pressure-volume compensator system [NASA-CASE-XLA-05332] c05 N71-11194 Equipotential space suits utilizing mechanical aids to minimize astronaut energy at bending joints [NASA-CASE-LAR-10007-1] c05 N71-11195	at high speeds in low viscosity lubricants [NASA-CASE-LBH-11076-2] .c15 N73-20533 Journal bearings [NASA-CASE-LBH-11076-3] .c15 N74-10475 JOURNAL bearings [NASA-CASE-LEH-11076-4] .c15 N74-18134 JOURNAL bearings for lubricant films [NASA-CASE-LEH-11076-1] .c15 N74-21061 JUNCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] .c09 N73-19235 JUNCTION TRANSISTORS Apparatus for ballasting high frequency transistors [NASA-CASE-IGS-05003] .c09 N69-24318 Miniature piezojunction semiconductor transducer with in situ stress coupling [NASA-CASE-ERC-10087-2] .c14 N72-31446 K RINETIC ENERGY Non-reusable kinetic energy absorber for
[NASA-CASE-YLA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XMF-01598] c21 N71-15583 JETTISON SYSTEMS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XMF-03169] c31 N71-15675 System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-GSC-10590-1] c31 N73-14853 JOIFING Transparent plastic film for attaching cover glasses to silicon solar cells [NASA-CASE-LEW-11065-1] c03 N72-11064 JOINTS (ANATORY) Space suit with pressure-volume compensator system [NASA-CASE-YLA-05332] c05 N71-11194 Equipotential space suits utilizing mechanical aids to minimize astronaut energy at bending joints [NASA-CASE-LAR-10007-1] c05 N71-11195 Cord restraint system for pressure suit joints	at high speeds in low viscosity lubricants [NASA-CASE-LEH-11076-2] c15 N73-20533 JOUTHAL bearings [NASA-CASE-LEH-11076-3] c15 N74-10475 JOUTHAL bearings [NASA-CASE-LEH-11076-4] c15 N74-18134 JOUTHAL bearings for lubricant films [NASA-CASE-LEH-11076-1] c15 N74-21061 JUBCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] c09 N73-19235 JUBCTION TRANSISTORS Apparatus for ballasting high frequency transistors [NASA-CASE-MFS-05003] Miniature piezojunction semiconductor transducer with in situ stress coupling [NASA-CASE-ERC-10087-2] c14 N72-31446 KINETIC ENERGY Non-reusable kinetic energy absorber for application in soft landing of space vehicles
[NASA-CASE-YLA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-YHF-01598] c21 N71-15583 JETTISON SYSTEMS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-YHF-03169] c31 N71-15675 System for deploying and ejecting releasable claushell fairing sections from spinning sounding rockets [NASA-CASE-GSC-10590-1] c31 N73-14853 JOISING Transparent plastic film for attaching cover glasses to silicon solar cells [NASA-CASE-LEW-11065-1] c03 N72-11064 JOINTS (ANATOHY) Space suit with pressure-volume compensator system [NASA-CASE-YLA-05332] c05 N71-11194 Equipotential space suits utilizing mechanical aids to minimize astronaut energy at bending joints [NASA-CASE-LAR-10007-1] c05 N71-11195 Cord restraint system for pressure suit joints [NASA-CASE-XHS-09635] c05 N71-24623	at high speeds in low viscosity lubricants [NASA-CASE-LEM-11076-2] .c15 N73-20533 Journal bearings [NASA-CASE-LEM-11076-3] .c15 N74-10475 JOURNAL bearings [NASA-CASE-LEM-11076-4] .c15 N74-18134 JOURNAL bearings for lubricant films [NASA-CASE-LEM-11076-1] .c15 N74-21061 JUBCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] .c09 N73-19235 JUBCTION TRANSISTORS Apparatus for ballasting high frequency transistors [NASA-CASE-KGS-05003] .c09 N69-24318 Minimature piezojunction semiconductor transducer with in situ stress coupling [NASA-CASE-ERC-10087-2] .c14 N72-31446 KINETIC EMENGY Non-reusable kinetic energy absorber for application in soft landing of space vehicles [NASA-CASE-ILE-00810] .c15 N70-34861
[NASA-CASE-YLA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XMF-01598] c21 N71-15583 JETTISON SYSTEMS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XMF-03169] c31 N71-15675 System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-GSC-10590-1] c31 N73-14853 JOIFING Transparent plastic film for attaching cover glasses to silicon solar cells [NASA-CASE-LEW-11065-1] c03 N72-11064 JOINTS (ANATORY) Space suit with pressure-volume compensator system [NASA-CASE-YLA-05332] c05 N71-11194 Equipotential space suits utilizing mechanical aids to minimize astronaut energy at bending joints [NASA-CASE-LAR-10007-1] c05 N71-11195 Cord restraint system for pressure suit joints	at high speeds in low viscosity lubricants [NASA-CASE-LEM-11076-2] .c15 N73-20533 Journal bearings [NASA-CASE-LEM-11076-3] .c15 N74-10475 JOURNAL bearings [NASA-CASE-LEM-11076-4] .c15 N74-18134 JOURNAL bearings for lubricant films [NASA-CASE-LEM-11076-1] .c15 N74-21061 JUBCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] .c09 N73-19235 JUBCTION TRANSISTORS Apparatus for ballasting high frequency transistors [NASA-CASE-KGS-05003] .c09 N69-24318 Miniature piezojunction semiconductor transducer with in situ stress coupling [NASA-CASE-ERC-10087-2] .c14 N72-31446 KINETIC ENERGY Non-reusable kinetic energy absorber for application in soft landing of space wehicles [NASA-CASE-ILE-00810] .c15 N70-34861 KINETIC FRICTION
[NASA-CASE-YLA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-YHF-01598] c21 N71-15583 JETTISON SYSTEMS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XHF-03169] c31 N71-15675 System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-GSC-10590-1] c31 N73-14853 JOISING Transparent plastic film for attaching cover glasses to silicon solar cells [NASA-CASE-LEW-11065-1] c03 N72-11064 JOINTS (ANATOHY) Space suit with pressure-volume compensator system [NASA-CASE-YLA-0532] c05 N71-11194 Equipotential space suits utilizing mechanical aids to minimize astronaut energy at bending joints [NASA-CASE-LAR-10007-1] c05 N71-11195 Cord restraint system for pressure suit joints [NASA-CASE-XHS-09635] c05 N71-24623 Orthotic arm joint for manipulating objects in response to electrical signals [NASA-CASE-MFS-21611-1] c05 N74-10100	at high speeds in low viscosity lubricants [NASA-CASE-LEM-11076-2] .c15 N73-20533 JOUTNAL bearings [NASA-CASE-LEM-11076-3] .c15 N74-10475 JOUTNAL bearings [NASA-CASE-LEM-11076-4] .c15 N74-18134 JOUTNAL bearings for lubricant films [NASA-CASE-LEM-11076-1] .c15 N74-21061 JUBCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] .c09 N73-19235 JUBCTION TRANSISTORS Apparatus for ballasting high frequency transistors [NASA-CASE-IGS-05003] .c09 N69-24318 Miniature piezojunction semiconductor transducer with in situ stress coupling [NASA-CASE-ERC-10087-2] .c14 N72-31446 KINETIC ENERGY Non-reusable kinetic energy absorber for application in soft landing of space vehicles [NASA-CASE-LEM-UE-00810] .c15 N70-34861 KINETIC FRICTION Kinetic and static friction force measurement
[NASA-CASE-YLA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-YHF-01598] c21 N71-15583 JETTISON SYSTEMS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-YHF-03169] c31 N71-15675 System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-GSC-10590-1] c31 N73-14853 JOISING Transparent plastic film for attaching cover glasses to silicon solar cells [NASA-CASE-LEW-11065-1] c03 N72-11064 JOINTS (ANATOHY) Space suit with pressure-volume compensator system [NASA-CASE-YLA-05332] c05 N71-11194 Equipotential space suits utilizing mechanical aids to minimize astronaut energy at bending joints [NASA-CASE-LAR-10007-1] c05 N71-11195 Cord restraint system for pressure suit joints [NASA-CASE-YHS-09635] c05 N71-24623 Orthotic aim joint for manipulating objects in response to electrical signals [NASA-CASE-MFS-21611-1] c05 N74-10100 JOINTS (JUNCTIONS)	at high speeds in low viscosity lubricants [NASA-CASE-LEM-11076-2] .c15 N73-20533 JOURNAL bearings [NASA-CASE-LEM-11076-3] .c15 N74-10475 JOURNAL bearings [NASA-CASE-LEM-11076-4] .c15 N74-18134 JOURNAL bearings for lubricant films [NASA-CASE-LEM-11076-1] .c15 N74-21061 JUBCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] .c09 N73-19235 JUBCTION TRANSISTORS Apparatus for ballasting high frequency transistors [NASA-CASE-IGS-05003] .c09 N69-24318 Miniature piezojunction semiconductor transducer with in situ stress coupling [NASA-CASE-ERC-10087-2] .c14 N72-31446 KINETIC ENERGY Non-reusable kinetic energy absorber for application in soft landing of space wehicles [NASA-CASE-ILE-00810] .c15 N70-34861 KINETIC FRICTION Kinetic and static friction force measurement between magnetic tape and magnetic head surfaces [NASA-CASE-INP-08680] .c14 N71-22995
[NASA-CASE-ILA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XHF-01598] c21 N71-15583 JBTTISON SYSTEHS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XHF-03169] c31 N71-15675 System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-GSC-10590-1] c31 N73-14853 JOIDING Transparent plastic film for attaching cover glasses to silicon solar cells [NASA-CASE-IEW-11065-1] c03 N72-11064 JOINTS (NHATOHY) Space suit with pressure-volume compensator system [NASA-CASE-YLA-05332] c05 N71-11194 Equipotential space suits utilizing mechanical aids to minimize astronaut energy at bending joints [NASA-CASE-LAR-10007-1] c05 N71-11195 Cord restraint system for pressure suit joints [NASA-CASE-XHS-09635] c05 N71-24623 Orthotic arm joint for manipulating objects in response to electrical signals [NASA-CASE-HFS-21611-1] c05 N74-10100 JOINTS (JUNCTIOES) Hollow spherical electrode for shielding	at high speeds in low viscosity lubricants [NASA-CASE-LBH-11076-2] .c15 N73-20533 Journal bearings [NASA-CASE-LBH-11076-3] .c15 N74-10475 JOURNAL bearings [NASA-CASE-LBH-11076-4] .c15 N74-18134 JOURNAL bearings for lubricant films [NASA-CASE-LBH-11076-1] .c15 N74-21061 JUBCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] .c09 N73-19235 JUBCTION TRANSISTORS Apparatus for ballasting high frequency transistors [NASA-CASE-MGS-05003] .c09 N69-24318 Miniature piezojunction semiconductor transducer with in situ stress coupling [NASA-CASE-ERC-10087-2] .c14 N72-31446 K KINETIC ENERGY Non-reusable kinetic energy absorber for application in soft landing of space vehicles [NASA-CASE-LBE-00810] .c15 N70-34861 KINETIC FRICTION Kinetic and static friction force measurement between magnetic tape and magnetic head surfaces [NASA-CASE-NP-08680] .c14 N71-22995 KINETICS
[NASA-CASE-ILA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XMF-01598] c21 N71-15583 JETTISON SYSTEMS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XMF-03169] c31 N71-15675 System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-GSC-10590-1] c31 N73-14853 JOIFING Transparent plastic film for attaching cover glasses to silicon solar cells [NASA-CASE-LEW-11065-1] c03 N72-11064 JOINTS (NNATOHY) Space suit with pressure-volume compensator system [NASA-CASE-XLA-05332] c05 N71-11194 Equipotential space suits utilizing mechanical aids to minimize astronaut energy at bending joints [NASA-CASE-LAR-10007-1] c05 N71-11195 Cord restraint system for pressure suit joints [NASA-CASE-XHS-09635] c05 N71-24623 Orthotic arm joint for manipulating objects in response to electrical signals [NASA-CASE-MFS-21611-1] c05 N74-10100 JOINTS (JUNCTIONS) Hollow spherical electrode for shielding dielectric junction between high voltage	at high speeds in low viscosity lubricants [NASA-CASE-LEM-11076-2] .c15 N73-20533 JOURNAL bearings [NASA-CASE-LEM-11076-3] .c15 N74-10475 JOURNAL bearings [NASA-CASE-LEM-11076-4] .c15 N74-18134 JOURNAL bearings for lubricant films [NASA-CASE-LEM-11076-1] .c15 N74-21061 JUBCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] .c09 N73-19235 JUBCTION TRANSISTORS Apparatus for ballasting high frequency transistors [NASA-CASE-MGS-05003] .c09 N69-24318 Miniature piezojunction semiconductor transducer with in situ stress coupling [NASA-CASE-ERC-10087-2] .c14 N72-31446 KINETIC ENERGY Non-reusable kinetic energy absorber for application in soft landing of space vehicles [NASA-CASE-LEM-00810] .c15 N70-34861 KINETIC FRICTION Kinetic and static friction force measurement between magnetic tape and magnetic head surfaces [NASA-CASE-XNP-08680] .c14 N71-22995 KINETICS Micrometeoroid analyzer using arrays of
[NASA-CASE-ILA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XHF-01598] c21 N71-15583 JBTTISON SYSTEHS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XHF-03169] c31 N71-15675 System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-GSC-10590-1] c31 N73-14853 JOIDING Transparent plastic film for attaching cover glasses to silicon solar cells [NASA-CASE-LEW-17065-1] c03 N72-17064 JOINTS (ANATOHY) Space suit with pressure-volume compensator system [NASA-CASE-XLA-05332] c05 N71-11194 Equipotential space suits utilizing mechanical aids to minimize astronaut energy at bending joints [NASA-CASE-LAR-10007-1] c05 N71-11195 Cord restraint system for pressure suit joints [NASA-CASE-XHS-09635] c05 N71-24623 Orthotic arm joint for manipulating objects in response to electrical signals [NASA-CASE-MFS-21611-1] c05 N74-10100 JOINTS (JUNCTIORS) Hollow spherical electrode for shielding dielectric junction between high voltage conductor and insulator [NASA-CASE-XLE-03778] c09 N69-21542	at high speeds in low viscosity lubricants [NASA-CASE-LBH-11076-2] .c15 N73-20533 Journal bearings [NASA-CASE-LBH-11076-3] .c15 N74-10475 JOURNAL bearings [NASA-CASE-LBH-11076-4] .c15 N74-18134 JOURNAL bearings for lubricant films [NASA-CASE-LBH-11076-1] .c15 N74-21061 JUBCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] .c09 N73-19235 JUBCTION TRANSISTORS Apparatus for ballasting high frequency transistors [NASA-CASE-MGS-05003] .c09 N69-24318 Miniature piezojunction semiconductor transducer with in situ stress coupling [NASA-CASE-ERC-10087-2] .c14 N72-31446 K KINETIC ENERGY Non-reusable kinetic energy absorber for application in soft landing of space vehicles [NASA-CASE-LBE-00810] .c15 N70-34861 KINETIC FRICTION Kinetic and static friction force measurement between magnetic tape and magnetic head surfaces [NASA-CASE-NP-08680] .c14 N71-22995 KINETICS
[NASA-CASE-YLA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XHF-01598] c21 N71-15583 JETTISON SYSTHS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XHF-03169] c31 N71-15675 System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-GSC-10590-1] c31 N73-14853 JOIFING Transparent plastic film for attaching cover glasses to silicon solar cells [NASA-CASE-LEW-11065-1] c03 N72-11064 JOINTS (ANATOHY) Space suit with pressure-volume compensator system [NASA-CASE-XLA-05332] c05 N71-11194 Equipotential space suits utilizing mechanical aids to minimize astronaut energy at bending joints [NASA-CASE-LAR-10007-1] c05 N71-11195 Cord restraint system for pressure suit joints [NASA-CASE-LAR-09635] c05 N71-24623 Orthotic aim joint for manipulating objects in response to electrical signals [NASA-CASE-MFS-21611-1] c05 N74-10100 JOINTS (JUNCTIONS) Hollow spherical electrode for shielding dielectric junction between high voltage conductor and insulator [NASA-CASE-XLE-03778] c09 N69-21542 Elastic universal joint for rocket motor mounting	at high speeds in low viscosity lubricants [NASA-CASE-LEW-11076-2] .c15 N73-20533 Journal bearings [NASA-CASE-LEW-11076-3] .c15 N74-10475 JOURNAL bearings [NASA-CASE-LEW-11076-4] .c15 N74-18134 JOURNAL bearings for lubricant films [NASA-CASE-LEW-11076-1] .c15 N74-21061 JUBCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-WFS-20407] .c09 N73-19235 JUBCTION TRANSISTORS Apparatus for ballasting high frequency transistors [NASA-CASE-MGS-05003] .c09 N69-24318 Miniature piezojunction semiconductor transducer with in situ stress coupling [NASA-CASE-ERC-10087-2] .c14 N72-31446 KINETIC EMBRGY Non-reusable kinetic energy absorber for application in soft landing of space vehicles [NASA-CASE-ILE-00810] .c15 N70-34861 KINETIC FRICTION Kinetic and static friction force measurement between magnetic tape and magnetic head surfaces [NASA-CASE-INP-08680] .c14 N71-22995 KINETICS Micrometeoroid analyzer using arrays of interconnected capacitors and ion detector
[NASA-CASE-YLA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-YMF-01598] c21 N71-15583 JETTISON SYSTEMS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XMF-03169] c31 N71-15675 System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-GSC-10590-1] c31 N73-14853 JOISING Transparent plastic film for attaching cover glasses to silicon solar cells [NASA-CASE-LEW-11065-1] c03 N72-11064 JOINTS (ANATOHY) Space suit with pressure-volume compensator system [NASA-CASE-YLA-0532] c05 N71-11194 Equipotential space suits utilizing mechanical aids to minimize astronaut energy at bending joints [NASA-CASE-XHS-09635] c05 N71-11195 Cord restraint system for pressure suit joints [NASA-CASE-XHS-09635] c05 N71-24623 Orthotic arm joint for manipulating objects in response to electrical signals [NASA-CASE-MFS-21611-1] c05 N74-10100 JOINTS (JUNCTIOSS) Hollow spherical electrode for shielding dielectric junction between high voltage conductor and insulator [NASA-CASE-XLE-03778] c09 N69-21542 Elastic universal joint for rocket motor mounting [NASA-CASE-XNF-00416] c15 N70-36947	at high speeds in low viscosity lubricants [NASA-CASE-LEM-11076-2] c15 N73-20533 Journal bearings [NASA-CASE-LEM-11076-3] c15 N74-10475 JOURNAL bearings [NASA-CASE-LEM-11076-4] c15 N74-18134 JOURNAL bearings for lubricant films [NASA-CASE-LEM-11076-1] c15 N74-21061 JUBCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] c09 N73-19235 JUBCTION TRANSISTORS Apparatus for ballasting high frequency transistors [NASA-CASE-MFS-05003] c09 N69-24318 Miniature piezojunction semiconductor transducer with in situ stress coupling [NASA-CASE-ERC-10087-2] c14 N72-31446 K KINETIC EMBRGY Non-reusable kinetic energy absorber for application in soft landing of space vehicles [NASA-CASE-ILE-00810] c15 N70-34861 KINETIC FRICTION Kinetic and static friction force measurement between magnetic tape and magnetic head surfaces [NASA-CASE-INP-08680] c14 N71-22995 KINETICS Micrometeoroid analyzer using arrays of interconnected capacitors and ion detector
[NASA-CASE-YLA-01163] c21 N71-15582 Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XHF-01598] c21 N71-15583 JBTTISON SYSTEMS Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XHF-03169] c31 N71-15675 System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-GSC-10590-1] c31 N73-14853 JOISING Transparent plastic film for attaching cover glasses to silicon solar cells [NASA-CASE-LEW-11065-1] c03 N72-11064 JOINTS (NATOH) Space suit with pressure-volume compensator system [NASA-CASE-XLA-05332] c05 N71-11194 Equipotential space suits utilizing mechanical aids to minimize astronaut energy at bending joints [NASA-CASE-XLA-05035] c05 N71-11195 Cord restraint system for pressure suit joints [NASA-CASE-XHS-09635] c05 N71-24623 Orthotic arm joint for manipulating objects in response to electrical signals [NASA-CASE-MFS-21611-1] c05 N74-10100 JOINTS (JUNCTIONS) Hollow spherical electrode for shielding dielectric junction between high voltage conductor and insulator [NASA-CASE-XLE-03778] c09 N69-21542 Elastic universal joint for rocket motor mounting [NASA-CASE-XLE-03778] c15 N70-36947 Portable device for aligning surfaces of two	at high speeds in low viscosity lubricants [NASA-CASE-LEW-11076-2] .c15 N73-20533 JOURNAL bearings [NASA-CASE-LEW-11076-3] .c15 N74-10475 JOURNAL bearings [NASA-CASE-LEW-11076-4] .c15 N74-18134 JOURNAL bearings for lubricant films [NASA-CASE-LEW-11076-1] .c15 N74-21061 JUBCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] .c09 N73-19235 JUBCTION TRANSISTORS Apparatus for ballasting bigh frequency transistors [NASA-CASE-MGS-05003] .c09 N69-24318 Minimature piezojunction semiconductor transducer with in situ stress coupling [NASA-CASE-ERC-10087-2] .c14 N72-31446 KINETIC EMENGY NOn-reusable kinetic energy absorber for application in soft landing of space vehicles [NASA-CASE-ILE-00810] .c15 N70-34861 KINETIC FRICTION Kinetic and static friction force measurement between magnetic tape and magnetic head surfaces [NASA-CASE-INP-08680] .c14 N71-22995 KINETICS Micrometeoroid analyzer using arrays of interconnected capacitors and ion detector [NASA-CASE-ARC-10443-1] .c14 N73-20477
[NASA-CASE-YLA-01163] Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XMF-01598] DESCRIBS DESCRIBG ASSENDLY for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XMF-03169] System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-GSC-10590-1] JOIDING Transparent plastic film for attaching cover glasses to silicon solar cells [NASA-CASE-LEM-11065-1] Space suit with pressure-volume compensator system [NASA-CASE-XLA-05332] Equipotential space suits utilizing mechanical aids to minimize astronaut energy at bending joints [NASA-CASE-LAR-10007-1] COT restraint system for pressure suit joints [NASA-CASE-LAR-10007-1] COT drestraint system for pressure suit joints [NASA-CASE-LAR-10007-1] COT restraint system for pressure suit joints [NASA-CASE-LAR-10007-1] COT N71-24623 Orthotic arm joint for manipulating objects in response to electrical signals [NASA-CASE-MES-21611-1] JOINTS (JUNCTIOBS) Hollow spherical electrode for shielding dielectric junction between high voltage conductor and insulator [NASA-CASE-XLE-03778] Elastic universal joint for rocket motor mounting [NASA-CASE-XLE-03778] Portable device for aligning surfaces of two adjacent wall or sheet sections for joining at	at high speeds in low viscosity lubricants [NASA-CASE-LEH-11076-2] .c15 N73-20533 Journal bearings [NASA-CASE-LEH-11076-3] .c15 N74-10475 JOURNAL bearings [NASA-CASE-LEH-11076-4] .c15 N74-18134 JOURNAL bearings for lubricant films [NASA-CASE-LEH-11076-1] .c15 N74-21061 JUBCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] .c09 N73-19235 JUBCTION TRANSISTORS Apparatus for ballasting high frequency transistors [NASA-CASE-MGS-05003] .c09 N69-24318 Miniature piezojunction semiconductor transducer with in situ stress coupling [NASA-CASE-ERC-10087-2] .c14 N72-31446 KINETIC ENERGY Non-reusable kinetic energy absorber for application in soft landing of space wehicles [NASA-CASE-ERC-10087-2] .c14 N72-31446 KINETIC FRICTION Kinetic and static friction force measurement between magnetic tape and magnetic head surfaces [NASA-CASE-INP-08680] .c14 N71-22995 KINETICS Micrometeoroid analyzer using arrays of interconnected capacitors and ion detector [NASA-CASE-ARC-10443-1] .c14 N73-20477
[NASA-CASE-YLA-01163] Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XHF-01598] Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XMF-03169] System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-XMF-03169] Transparent plastic film for attaching cover glasses to silicon solar cells [NASA-CASE-LEN-11065-1] Space suit with pressure-volume compensator system [NASA-CASE-LEN-11065-1] Equipotential space suits utilizing mechanical aids to minimize astronaut energy at bending joints [NASA-CASE-LAR-10007-1] COT restraint system for pressure suit joints [NASA-CASE-LAR-10007-1] COT restraint system for pressure suit joints [NASA-CASE-LAR-10007-1] COT restraint system for pressure suit joints [NASA-CASE-MFS-21611-1] Orthotic arm joint for manipulating objects in response to electrical signals [NASA-CASE-MFS-21611-1] JOINTS (JUNCTIONS) Hollow spherical electrode for shielding dielectric junction between high voltage conductor and insulator [NASA-CASE-XLE-03778] Elastic universal joint for rocket motor mounting [NASA-CASE-XLE-03778] Portable device for aligning surfaces of two adjacent wall or sheet sections for joining at point of junction [NASA-CASE-XLE-01452] C15 N70-41371	at high speeds in low viscosity lubricants [NASA-CASE-LEW-11076-2] .c15 N73-20533 JOURNAL bearings [NASA-CASE-LEW-11076-3] .c15 N74-10475 JOURNAL bearings [NASA-CASE-LEW-11076-4] .c15 N74-18134 JOURNAL bearings for lubricant films [NASA-CASE-LEW-11076-1] .c15 N74-21061 JUBCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] .c09 N73-19235 JUBCTION TRANSISTORS Apparatus for ballasting bigh frequency transistors [NASA-CASE-MGS-05003] .c09 N69-24318 Minimature piezojunction semiconductor transducer with in situ stress coupling [NASA-CASE-ERC-10087-2] .c14 N72-31446 KINETIC EMENGY NOn-reusable kinetic energy absorber for application in soft landing of space vehicles [NASA-CASE-ILE-00810] .c15 N70-34861 KINETIC FRICTION Kinetic and static friction force measurement between magnetic tape and magnetic head surfaces [NASA-CASE-INP-08680] .c14 N71-22995 KINETICS Micrometeoroid analyzer using arrays of interconnected capacitors and ion detector [NASA-CASE-ARC-10443-1] .c14 N73-20477
INASA-CASE-XLA-01163] Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XHF-01598] Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XHF-03169] System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-MFF-03169] Transparent plastic film for attaching cover glasses to silicon solar cells [NASA-CASE-LEN-11065-1] CONTS (ANATOH) Space suit with pressure-volume compensator system [NASA-CASE-LEN-11065-1] Equipotential space suits utilizing mechanical aids to minimize astronaut energy at bending joints [NASA-CASE-LAR-10007-1] COT restraint system for pressure suit joints [NASA-CASE-LAR-10007-1] OTHOTIC ARACASE-XHS-09635] OTHOTIC ARACASE-XHS-09635] OTHOTIC ARACASE-XHS-011-1 JOINTS (JUNCTIONS) Hollow spherical electrode for shielding dielectric junction between high voltage conductor and insulator [NASA-CASE-XHE-03778] Elastic universal joint for rocket motor mounting [NASA-CASE-XHE-00416] COS N70-41371 Design and development of flexible joint for	at high speeds in low viscosity lubricants [NASA-CASE-LEH-11076-2] .c15 N73-20533 Journal bearings [NASA-CASE-LEH-11076-3] .c15 N74-10475 JOURNAL bearings [NASA-CASE-LEH-11076-4] .c15 N74-18134 JOURNAL bearings for lubricant films [NASA-CASE-LEH-11076-1] .c15 N74-21061 JUBCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] .c09 N73-19235 JUBCTION TRANSISTORS Apparatus for ballasting high frequency transistors [NASA-CASE-MFS-05003] .c09 N69-24318 Miniature piezojunction semiconductor transducer with in situ stress coupling [NASA-CASE-MFC-10087-2] .c14 N72-31446 KINETIC ENERGY Non-reusable kinetic energy absorber for application in soft landing of space vehicles [NASA-CASE-LEE-00810] .c15 N70-34861 RIBETIC FRICTION Kinetic and static friction force measurement between magnetic tape and magnetic head surfaces [NASA-CASE-INP-08680] .c14 N71-22995 KINETICS Micrometeoroid analyzer using arrays of interconnected capacitors and ion detector [NASA-CASE-ARC-10443-1] .c14 N73-20477 LABORATORY EQUIPHENT Design of mechanical device for stirring several test tubes simultaneously [NASA-CASE-XAC-66956] .c15 N71-21177
INASA-CASE-XLA-01163] Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XMF-01598] Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XMF-03169] System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-GSC-10590-1] CONTING Transparent plastic film for attaching cover glasses to silicon solar cells [NASA-CASE-LEW-11065-1] Space suit with pressure-volume compensator system [NASA-CASE-XLA-05332] Equipotential space suits utilizing mechanical aids to minimize astronaut energy at bending joints [NASA-CASE-LAR-10007-1] Cord restraint system for pressure suit joints [NASA-CASE-XHS-09635] Orthotic arm joint for manipulating objects in response to electrical signals (NASA-CASE-XHS-09635) COS N71-24623 Orthotic arm joint for shielding dielectric junction between high voltage conductor and insulator [NASA-CASE-XHE-03778] Elastic universal joint for rocket motor mounting [NASA-CASE-XHE-03778] Col NASA-CASE-XHE-03778] Elastic universal joint for rocket motor mounting [NASA-CASE-XHE-03778] Col NASA-CASE-XHE-03778] Col NASA-CASE-XHE-03778] Col NASA-CASE-XHE-03778] Col NASA-CASE-XHE-03708] Col NASA-CASE-XHE-03708 Col NASA-CASE-XHE-03708 Col NASA-CASE-XHE-03708 Col NASA-CASE-XHE-03	at high speeds in low viscosity lubricants [NASA-CASE-LEB-11076-2] c15 N73-20533 Journal bearings [NASA-CASE-LEB-11076-3] c15 N74-10475 JOURNAL bearings [NASA-CASE-LEB-11076-4] c15 N74-18134 JOURNAL bearings for lubricant films [NASA-CASE-LEB-11076-1] c15 N74-21061 JUDCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] c09 N73-19235 JUNCTION TRANSISTORS Apparatus for ballasting high frequency transistors [NASA-CASE-MFS-20407] c09 N69-24318 Miniature piezojunction semiconductor transducer with in situ stress coupling [NASA-CASE-ERC-10087-2] c14 N72-31446 KINETIC EMBEGY Non-reusable kinetic energy absorber for application in soft landing of space vehicles [NASA-CASE-ILE-00810] c15 N70-34861 KINETIC FRICTION KINETIC FRICTION KINETIC FRICTION KINETIC FRICTION KINETIC FRICTION KINETICS Micrometeoroid analyzer using arrays of interconnected capacitors and ion detector [NASA-CASE-INP-08680] c14 N71-22995 KINETICS Micrometeoroid analyzer using arrays of interconnected capacitors and ion detector [NASA-CASE-ARC-10443-1] c14 N73-20477 LABORATORY EQUIPHENT Design of mechanical device for stirring several test tubes simultaneously [NASA-CASE-XRC-06956] c15 N71-21177 Gas purged dry box glove reducing permeation of
INASA-CASE-XLA-01163] Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XHF-01598] JETTISON SYSTHES Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XHF-03169] System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-XHF-03169] Transparent plastic film for attaching cover glasses to silicon solar cells [NASA-CASE-LEW-11065-1] JOHNIS (AMATOHY) Space suit with pressure-volume compensator system [NASA-CASE-XHZ-05332] Equipotential space suits utilizing mechanical aids to minimize astronaut energy at bending joints [NASA-CASE-LAR-10007-1] Cof drestraint system for pressure suit joints [NASA-CASE-XHZ-09635] Orthotic arm joint for manipulating objects in response to electrical signals [NASA-CASE-MFS-21611-1] JOINTS (JUNCTIORS) Hollow spherical electrode for shielding dielectric junction between high voltage conductor and insulator [NASA-CASE-XHZ-03778] Elastic universal joint for rocket motor mounting [NASA-CASE-XHZ-03778] Elastic universal joint for rocket motor mounting [NASA-CASE-XHZ-03778] Elastic universal joint for rocket motor mounting [NASA-CASE-XHZ-0378] Elastic universal joint for rocket motor mounting [NASA-CA	at high speeds in low viscosity lubricants [NASA-CASE-LEB-11076-2] c15 N73-20533 Journal bearings [NASA-CASE-LEB-11076-3] c15 N74-10475 Journal bearings [NASA-CASE-LEB-11076-4] c15 N74-18134 Journal bearings for lubricant films [NASA-CASE-LEB-11076-1] c15 N74-21061 JUNCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-LEB-11076-1] c09 N73-19235 JUNCTION TRANSISTORS Apparatus for ballasting high frequency transistors [NASA-CASE-MSS-05003] c09 N69-24318 Miniature piezojunction semiconductor transducer with in situ stress coupling [NASA-CASE-ERC-10087-2] c14 N72-31446 KINETIC EMERGY Non-reusable kinetic energy absorber for application in soft landing of space wehicles [NASA-CASE-ILE-00810] c15 N70-34861 KINETIC FRICTION Kinetic and static friction force measurement between bagnetic tape and magnetic head surfaces [NASA-CASE-INP-08680] c15 N71-22995 KINETICS Nicrometeoroid analyzer using arrays of interconnected capacitors and ion detector [NASA-CASE-ARC-10443-1] c14 N73-20477 LABORATORY EQUIPHENT Design of mechanical device for stirring several test tubes simultaneously [NASA-CASE-NC-06956] c15 N71-21177 Gas purged dry box glove reducing permeation of air or moisture into dry box or isolator by
INASA-CASE-XLA-01163] Drive mechanism for operating reactance attitude control system for aerospace bodies [NASA-CASE-XMF-01598] Describing assembly for opening stabilizing and decelerating flaps of flight capsules used in space research [NASA-CASE-XMF-03169] System for deploying and ejecting releasable clamshell fairing sections from spinning sounding rockets [NASA-CASE-GSC-10590-1] CONTING Transparent plastic film for attaching cover glasses to silicon solar cells [NASA-CASE-LEW-11065-1] Space suit with pressure-volume compensator system [NASA-CASE-XLA-05332] Equipotential space suits utilizing mechanical aids to minimize astronaut energy at bending joints [NASA-CASE-LAR-10007-1] Cord restraint system for pressure suit joints [NASA-CASE-XHS-09635] Orthotic arm joint for manipulating objects in response to electrical signals (NASA-CASE-XHS-09635) COS N71-24623 Orthotic arm joint for shielding dielectric junction between high voltage conductor and insulator [NASA-CASE-XHE-03778] Elastic universal joint for rocket motor mounting [NASA-CASE-XHE-03778] Col NASA-CASE-XHE-03778] Elastic universal joint for rocket motor mounting [NASA-CASE-XHE-03778] Col NASA-CASE-XHE-03778] Col NASA-CASE-XHE-03778] Col NASA-CASE-XHE-03778] Col NASA-CASE-XHE-03708] Col NASA-CASE-XHE-03708 Col NASA-CASE-XHE-03708 Col NASA-CASE-XHE-03708 Col NASA-CASE-XHE-03	at high speeds in low viscosity lubricants [NASA-CASE-LEB-11076-2] c15 N73-20533 Journal bearings [NASA-CASE-LEB-11076-3] c15 N74-10475 JOURNAL bearings [NASA-CASE-LEB-11076-4] c15 N74-18134 JOURNAL bearings for lubricant films [NASA-CASE-LEB-11076-1] c15 N74-21061 JUDCTION DIODES Phototransistor with base collector junction diode for integration into photo sensor arrays [NASA-CASE-MFS-20407] c09 N73-19235 JUNCTION TRANSISTORS Apparatus for ballasting high frequency transistors [NASA-CASE-MFS-20407] c09 N69-24318 Miniature piezojunction semiconductor transducer with in situ stress coupling [NASA-CASE-ERC-10087-2] c14 N72-31446 KINETIC EMBEGY Non-reusable kinetic energy absorber for application in soft landing of space vehicles [NASA-CASE-ILE-00810] c15 N70-34861 KINETIC FRICTION KINETIC FRICTION KINETIC FRICTION KINETIC FRICTION KINETIC FRICTION KINETICS Micrometeoroid analyzer using arrays of interconnected capacitors and ion detector [NASA-CASE-INP-08680] c14 N71-22995 KINETICS Micrometeoroid analyzer using arrays of interconnected capacitors and ion detector [NASA-CASE-ARC-10443-1] c14 N73-20477 LABORATORY EQUIPHENT Design of mechanical device for stirring several test tubes simultaneously [NASA-CASE-XRC-06956] c15 N71-21177 Gas purged dry box glove reducing permeation of

Apparatus and process for volumetrically	Doppler velocimeter
dispensing reagent quantities of volatile	[NASA-CASE-ARC-10642-1] c14 N74-18099
chemicals for small batch reactions	laser heating
[NASA-CASE-NPO-10070] c15 N71-27372	Electric power generation system directly from
Development of variable angle device for	laser power
positioning test tubes to permit optimum	[NASA-CASE-NPO-13308-1] c03 N74-19702
	LASER MATERIALS
drying of culture medium	
[NASA-CASE-LAR-10507-1] c11 N72-25284	Development of laser head for simultaneous
Development of method for controlling vapor	optical pumping of several dye lasers
content of gas	[NASA-CASE-LAR-11341-1] c16 N73-25564
[NASA-CASE-NPO-10633] CO3 N72-28025	Development of technique for producing holograms
Apparatus for mixing two or more liquids under	using propagation of surface waves within
zero gravity conditions	layer of photosensitive material
	[NASA-CASE-MFS-22040-1] c16 N73-26500
Self-scanning chronatographic-fluorographic drug	Inert gas metallic vapor laser
detector with optical readout system	[NASA-CASE-NPO-13449-1] c16 N74-16187
[NASA-CASE-ARC-10633-1]	LASER HODE LOCKING
Automatic real-time pair-feeding system for	Procedure and device for effecting dual mode
animals	locking in pulsed Nd-YAG lasers
[NASA-CASE-ARC-10302-1] c04 N74-15778	[NASA-CASE-GSC-11746-1] c16 N73-32398
•	LASER MODES
LAMINAR PLON	
Laminar flow of liquid coolants in rocket engines	Memon flashlamp driver system for optical laser
[NASA-CASE-NPO-10122] c12 N71-17631	pumping
LAMINATES	[NASA-CASE-ERC-10283] c16 N72-25485
Multilayer porous refractory metal ionizer	Development of acoustical controlled distributed
design with thick, porous, large-grain	feedback laser with continuous frequency
substrates and thin, porous micron-grain	spectrum tuning
substrates	[NASA-CASE-NPO-13175-1] c16 N73-27431
[NASA-CASE-XNP-04338] c17 N71-23046	LASER OUTPUTS
method for preparing laminates of stressed face	Method and apparatus using temperature control
sandwich structures with light weight cores	for wavelength tuning of liquid lasers
[NASA-CASE-XLA-11028] c15 N72-21486	[NASA-CASE-ERC-10187] c16 N69-31343
Development and characteristics of polyimide	Describing laser Doppler velicometer for
impregnated laminates with fiberglass cloth	measuring mean velocity and turbulence of
	fluid flow
backing for application as printed circuit	
broads	[NASA-CASE-MFS-20386] c21 N71-19212
[NASA-CASE-MFS-20408] c18 N73-12604	Development of apparatus for amplitude
Development of composite structures for	modulation of diode laser by periodic
spacecraft to serve as anti-meteoroid device	discharge of direct current power supply
[NASA-CASE-LAR-10788-1] c31 N73-20880	[NASA-CASE-XMS-04269] c16 N71-22895
Improved bonding method in the manufacture of	Doppler shifted laser beam as fluid velocity
continuous regression rate sensor devices	sensor
	[NASA-CASE-NAC-10770-1] c16 N71-24828
Transparent fire resistant polymeric structures	Calibrator for measuring and modulating or
[NASA-CASE-ARC-10813-1] c18 N74-16249	demodulating laser outputs
Reinforced polyquinoxaline gasket and method of	[NASA-CASE-XLA-03410] c16 N71-25914
preparing the same resistant to ionizing	Method and apparatus for optically modulating
radiation and liquid hydrogen temperatures	light or microwave beam
[NASA-CASE-MFS-21364-1] c15 N74-18126	[NASA-CASE-GSC-10216-1] c23 N71-26722
LANDING AIDS	Laser Machining device with dielectric
Electro-optical attitude sensing device for	functioning as beam waveguide for mechanical
landing approach of flight vehicle	and medical applications
[NASA-CASE-XMS-01994-1] c14 N72-17326	[NASA-CASE-HQN-10541-2] c15 N71-27135
Magnetic method for detection of aircraft	Optical communication system with gas filled
position relative to runway	wavequide for laser heam transmission
[NASA-CASE-ARC-10179-1]	[NASA-CASE-HQN-10541-4] c16 N71-27183
LANDING GRAR	Design and development of multichannel laser
Pivotal shock absorbing assembly for use as load	
	remote control system using modulated
distributing portion in landing gear systems	helium-neon laser as transmitter and light
of space vehicles	collector as receiving antenna
[NASA-CASE-XHF-03856] c31 N70-34159	[NASA-CASE-LAR-10311-1] c16 N73-16536
Nose gear steering system for vehicles with main	Development of laser head for simultaneous
skids to provide directional stability after	optical pumping of several dye lasers
loss of aerodynamic control	[NASA-CASE-LAR-11341-1] c16 N73-25564
[NASA-CASE-XLA-01804] c02 N70-34160	
	Development of technique for producing holograms
Landing pad assembly for aerospace vehicles	using propagation of surface waves within
[NASA-CASE-XMF-02853] c31 N70-36654	layer of photosensitive material
Aircraft wheel spray drag allewiator for dual	[NASA-CASE-MPS-22040-1] c16 N73-26500
tandem landing gear	Development of acoustical controlled distributed
[NASA-CASE-XLA-01583] c02 N70-36825	feedback laser with continuous frequency
Spacecraft shock absorbing system for soft	spectrum tuning
landings	
	Development of technique and apparatus for
Shock absorber for landing gear of lunar or	optically detonating insensitive high explosives
planetary landing modules	[NASA-CASE-NPO-11743-1] c33 N73-29959
[NASA-CASE-XMF-01045] c15 N70-40354	Performance of ac power supply developed for CO2
Vertically descending flight vehicle landing	laser system
gear for rough terrain	[NASA-CASE-GSC-11222-1] c16 N73-32391
[NASA-CASE-XMF-01174] C02 N70-41589	Procedure and device for effecting dual mode
LANDING MODULES	
Shock absorber for leading and a second	locking in pulsed Nd-YAG lasers
Shock absorber for landing gear of lunar or	[NASA-CASE-GSC-11746-1] c16 N73-32398
planetary landing modules	
	Thermomagnetic recording and magneto-optic
[NASA-CASE-XMF-01045] c15 N70-40354	
[NASA-CASE-XMF-01045] c15 N70-40354 LANDING SINULATION	Thermomagnetic recording and magneto-optic playback system having constant intensity
[NASA-CASE-XMF-01045] c15 N70-40354 LANDING SIMULATION Lunar and planetary gravity simulator to test	Thermomagnetic recording and magneto-optic playback system having constant intensity laser beam control
[NASA-CASE-XMF-01045] c15 N70-40354 LANDING SIMULATION Lunar and planetary gravity simulator to test	Thermomagnetic recording and magneto-optic playback system having constant intensity laser beam control [NASA-CASE-NPO-11317-2] c16 N74-13205
[NASA-CASE-XMF-01045] c15 N70-40354 LANDING SIMULATION Lunar and planetary gravity simulator to test vehicular response to landing	Thermomagnetic recording and magneto-optic playback system having constant intensity laser beam control [NASA-CASE-NPO-11317-2] c16 N74-13205 Inert gas metallic vapor laser
[NASA-CASE-XMF-01045] c15 N70-40354 LANDING SIMULATION Lunar and planetary gravity simulator to test vehicular response to landing [NASA-CASE-XLA-00493] c11 N70-34786	Thermomagnetic recording and magneto-optic playback system having constant intensity laser beam control [NASA-CASE-NPO-11317-2] c16 N74-13205 Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187
[NASA-CASE-XMF-01045] c15 N70-40354 LANDING SIMULATION Lunar and planetary gravity simulator to test vehicular response to landing	Thermomagnetic recording and magneto-optic playback system having constant intensity laser beam control [NASA-CASE-NPO-11317-2] c16 N74-13205 Inert gas metallic vapor laser

[NASA-CASE-NPO-11861-1] c14 N74-20009	LATERAL STABILITY
Laser system with an antiresonant optical ring	Strapped down gyroscope aligned with sun and
optical properties and performance of beam splitter with equal transmission and	star tracker optical axis calibrating roll,
reflection coefficients	[NASA-CASE-ARC-10716-1] c31 N73-32784
[NASA-CASE-HQN-10844-1] c16 N74-20118	LATHES
ASER BANGER/TRACKER	Rotary spindle lathe attachments for machining
Laser beam projector for continuous, precise alignment between target, laser generator, and	geometrical cones [NASA-CASE-XMS-04292] c15 N71-22722
astronomical telescope during tracking	Lathe tool and holder combination for machining
[NASA-CASE-NPO-11087] c23 N71-29125	resin impregnated fiberglass cloth laminates
ASBES Laser device for removing material from rotating	[NASA-CASE-ILA-10470] c15 N72-21489 LAURCH ESCAPE SYSTERS
Object for dynamic balancing	Energency escape cabin system for launch towers
[NASA-CASE-HFS-11279] c16 N71-20400	[NASA-CASE-XKS-02342] CO5 N71-11199
Design and development of optical interferometer	Bjector for separating astronaut from ejection seat during prelaunch or initial launch phase
with laser light source for application to schlieren systems	of flight
[NASA-CASE-XLA-04295] c16 N71-24170	[NASA-CASE-XMS-04625] c05 N71-20718
Self-generating optical frequency waveguide	LAUNCH VEHICLES
[NASA-CASE-HQN-10541-1] c07 N71-26291 Design and characteristics of laser camera	Support techniques for restraint of slender bodies such as launch vehicles
system with diffusion filter of small	[NASA-CASE-XLA-02704] c11 N69-21540
particles with average diameter larger than	Hicroleak detector nounted on weld seam of
Havelength of laser light [NASA-CASE-NPO-10417] c16 N71-33410	propellant tank of launch vehicle [NASA-CASE-XMF-02307] c14 N71-10779
Optical sensing of supersonic flows by	Squib actuated disconnect for spacecraft
correlating deflections in laser beams through	coupling to launch vehicle
flow	[NASA-CASE-NPO-13172-1] c33 N73-17917
[NASA-CASE-MFS-20642] c.14 N72-21407 Laser technique for breaking ice in ship path	LAUNCHING PADS Launch pad missile release system with bending
[NASA-CASE-LAR-10815-1] c16 N72-22520	moment change rate reduction in thrust
Development of acoustical controlled distributed	distribution structure at liftoff
feedback laser with continuous frequency spectrum tuning	[NASA-CASE-XMF-03198] c30 N70-40353 Remotely actuated quick disconnect for tubular
[NASA-CASE-NPO-13175-1] c16 N73-27431	umbilical conduits used to transfer fluids
Design of precision vertical alignment system	from ground to rocket wehicle
using laser with gravitationally sensitive	[NASA-CASE-XLA-01396] c03 N71-12259
cavity [NASA-CASE-ARC-10444-1] c16 N73-33397	Portable equipment for validating C band launch pad antennas and transmission lines used for
Tunable cavity resonator with ramp shaped supports	spacecraft checkout
[NASA-CASE-HQN-10790-1] c16 N74-11313	[NASA-CASE-XKS-10543] c07 N71-26292
Short range laser obstacle detector for surface vehicles using laser diode array	LEAD TRILURIDES Bonding method for improving contact between
[NASA-CASE-NPO-11856-1] c16 N74-15145	lead telluride thermoelectric elements and
Testing device using X-ray lasers	tungsten electrodes
[NASA-CASE-HFS-22409-1] c16 N74-18153	[NASA-CASE-XGS-04554] c15 N69-39786
Iong range laser traversing system	Procedure for segmenting lead telluride and
Long range laser traversing system [NASA-CASE-GSC-11262-1] c16 N74-21091	Procedure for segmenting lead telluride and silicon germanium thermoelectric elements to
[NASA-CASE-GSC-11262-1] c16 N74-21091	silicon germanium thermoelectric elements to obtain composite elements effective over wide
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin weights from space vehicle	silicon germanium thermoelectric elements to obtain composite elements effective over wide
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin veights from space vehicle [NASA-CASE-XLA-00679] c15 N70-38601 Transparent polycarbonate resin, shell helmet	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [NASA-CASE-KGS-05718] c26 N71-16037 LEADING EDGES Leading edge design for hypersonic reentry
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin veights from space vehicle [NASA-CASE-XLA-00679] c15 N70-38601 Transparent polycarbonate resin, shell helmet and latch design for high altitude and space	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [NASA-CASE-XGS-05718] c26 N71-16037 LEADING EDGES Leading edge design for hypersonic reentry vehicles
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin ueights from space vehicle [NASA-CASE-XLA-00679] c15 N70-38601 Transparent polycarbonate resin, shell helmet and latch design for high altitude and space flight	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [NASA-CASE-XGS-05718] c26 N71-16037 LEADING EDGES Leading edge design for hypersonic reentry vehicles [NASA-CASE-XLA-00165] c31 N70-33242
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin weights from space vehicle [NASA-CASE-XLA-00679] c15 N70-38601 Transparent polycarbonate resin, shell helmet and latch design for high altitude and space flight [NASA-CASE-IMS-04935] c05 N71-11190 Quick disconnect latch and handle combination	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [NASA-CASE-XGS-05718] c26 N71-16037 LEADING EDGES Leading edge design for hypersonic reentry vehicles [NASA-CASE-XLA-00165] c31 N70-33242 Construction of leading edges of surfaces for aerial vehicles performing from subsonic to
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin weights from space vehicle [NASA-CASE-XLA-00679] c15 N70-38601 Transparent polycarbonate resin, shell helmet and latch design for high altitude and space flight [NASA-CASE-XMS-04935] c05 N71-11190 Quick disconnect latch and handle combination for mounting articles on walls or supporting	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [NASA-CASE-XGS-05718]
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin ueights from space vehicle [NASA-CASE-XLA-00679] c15 N70-38601 Transparent polycarbonate resin, shell helmet and latch design for high altitude and space flight [NASA-CASE-IMS-04935] c05 N71-11190 Quick disconnect latch and handle combination for mounting articles on walls or supporting bases in spacecraft under zero gravity	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [NASA-CASE-XGS-05718] c26 N71-16037 LEADING EDGES Leading edge design for hypersonic reentry vehicles [NASA-CASE-XLA-00165] c31 N70-33242 Construction of leading edges of surfaces for aerial vehicles performing from subsonic to
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin weights from space vehicle [NASA-CASE-XLA-00679] c15 N70-38601 Transparent polycarbonate resin, shell helmet and latch design for high altitude and space flight [NASA-CASE-IMS-04935] c05 N71-11190 Quick disconnect latch and handle combination for mounting articles on walls or supporting hases in spacecraft under zero gravity conditions [NASA-CASE-HPS-11132] c15 N71-17649	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [NASA-CASE-XGS-05718] c26 N71-16037 LEADING EDGES Leading edge design for hypersonic reentry vehicles [NASA-CASE-XLA-00165] c31 N70-33242 Construction of leading edges of surfaces for aerial vehicles performing from subsonic to above transonic speeds [NASA-CASE-XLA-01486] c01 N71-23497
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin weights from space vehicle [NASA-CASE-XLA-00679] c15 N70-38601 Transparent polycarbonate resin, shell helmet and latch design for high altitude and space flight [NASA-CASE-XMS-04935] c05 N71-11190 Quick disconnect latch and handle combination for mounting articles on walls or supporting bases in spacecraft under zero gravity conditions [NASA-CASE-MPS-11132] c15 N71-17649 Design, development, and characteristics of	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [NASA-CASE-XGS-05718]
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin ueights from space vehicle [NASA-CASE-XLA-00679] c15 N70-38601 Transparent polycarbonate resin, shell helmet and latch design for high altitude and space flight [NASA-CASE-IMS-04935] c05 N71-11190 Quick disconnect latch and handle combination for mounting articles on walls or supporting bases in spacecraft under zero gravity conditions [NASA-CASE-MPS-11132] c15 N71-17649 Design, development, and characteristics of latching mechanism for operation in limited	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [MASA-CASE-XGS-05718]
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin weights from space vehicle [NASA-CASE-XLA-00679] c15 N70-38601 Transparent polycarbonate resin, shell helmet and latch design for high altitude and space flight [NASA-CASE-XNS-04935] c05 N71-11190 Quick disconnect latch and handle combination for mounting articles on walls or supporting bases in spacecraft under zero gravity conditions [NASA-CASE-MFS-11132] c15 N71-17649 Design, development, and characteristics of latching mechanism for operation in limited access areas [NASA-CASE-MSS-03745] c15 N71-21076	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [NASA-CASE-XGS-05718]
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin ueights from space vehicle [NASA-CASE-XLA-00679] c15 N70-38601 Transparent polycarbonate resin, shell helmet and latch design for high altitude and space flight [NASA-CASE-IMS-04935] c05 N71-11190 Quick disconnect latch and handle combination for mounting articles on walls or supporting bases in spacecraft under zero gravity conditions [NASA-CASE-MPS-11132] c15 N71-17649 Design, development, and characteristics of latching mechanism for operation in limited access areas [NASA-CASE-IMS-03745] c15 N71-21076 Latching mechanism with pivoting catch and	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [NASA-CASE-XGS-05718]
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin ueights from space vehicle [NASA-CASE-XLA-00679] c15 N70-38601 Transparent polycarbonate resin, shell helmet and latch design for high altitude and space flight [NASA-CASE-XMS-04935] c05 N71-11190 Quick disconnect latch and handle combination for mounting articles on walls or supporting bases in spacecraft under zero gravity conditions [NASA-CASE-MPS-11132] c15 N71-17649 Design, development, and characteristics of latching mechanism for operation in limited access areas [NASA-CASE-IMS-03745] Latching mechanism with pivoting catch and self-contained spring ejector	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [MASA-CASE-KGS-05718]
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin ueights from space vehicle [NASA-CASE-XLA-00679] c15 N70-38601 Transparent polycarbonate resin, shell helmet and latch design for high altitude and space flight [NASA-CASE-IMS-04935] c05 N71-11190 Quick disconnect latch and handle combination for mounting articles on walls or supporting bases in spacecraft under zero gravity conditions [NASA-CASE-MPS-11132] c15 N71-17649 Design, development, and characteristics of latching mechanism for operation in limited access areas [NASA-CASE-IMS-03745] c15 N71-21076 Latching mechanism with pivoting catch and	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [NASA-CASE-XGS-05718]
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin ueights from space vehicle [NASA-CASE-XLA-00679] c15 N70-38601 Transparent polycarbonate resin, shell helmet and latch design for high altitude and space flight [NASA-CASE-IMS-04935] c05 N71-11190 Quick disconnect latch and handle combination for mounting articles on walls or supporting bases in spacecraft under zero gravity conditions [NASA-CASE-HPS-11132] c15 N71-17649 Design, development, and characteristics of latching mechanism for operation in limited access areas [NASA-CASE-IMS-03745] c15 N71-21076 Latching mechanism with pivoting catch and self-contained spring ejector [NASA-CASE-XLA-03538] c15 N71-24897 Latch for fastening spacecraft docking rings [NASA-CASE-MSC-15474-1] c15 N71-26162	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [NASA-CASE-XGS-05718]
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin ueights from space vehicle [NASA-CASE-XLA-00679] c15 N70-38601 Transparent polycarbonate resin, shell helmet and latch design for high altitude and space flight [NASA-CASE-IMS-04935] c05 N71-11190 Quick disconnect latch and handle combination for mounting articles on walls or supporting bases in spacecraft under zero gravity conditions [NASA-CASE-MFS-11132] c15 N71-17649 Design, development, and characteristics of latching mechanism for operation in limited access areas [NASA-CASE-IMS-03745] c15 N71-21076 Latching mechanism with pivoting catch and self-contained spring ejector [NASA-CASE-XLA-03538] c15 N71-24897 Latch for fastening spacecraft docking rings [NASA-CASE-MSC-15474-1] c15 N71-26162 Fail safe latching mechanism for spacecraft	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [MASA-CASE-KGS-05718]
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin weights from space vehicle [NASA-CASE-XLA-00679] c15 N70-38601 Transparent polycarbonate resin, shell helmet and latch design for high altitude and space flight [NASA-CASE-XNS-04935] c05 N71-11190 Quick disconnect latch and handle combination for mounting articles on walls or supporting bases in spacecraft under zero gravity conditions [NASA-CASE-MFS-11132] c15 N71-17649 Design, development, and characteristics of latching mechanism for operation in limited access areas [NASA-CASE-MHS-03745] c15 N71-21076 Latching mechanism with pivoting catch and self-contained spring ejector [NASA-CASE-XLA-03538] c15 N71-24897 Latch for fastening spacecraft docking rings [NASA-CASE-MSC-15474-1] c15 N71-26162 Fail safe latching mechanism for spacecraft docking	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [NASA-CASE-XGS-05718]
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin ueights from space vehicle [NASA-CASE-XLA-00679] c15 N70-38601 Transparent polycarbonate resin, shell helmet and latch design for high altitude and space flight [NASA-CASE-IMS-04935] c05 N71-11190 Quick disconnect latch and handle combination for mounting articles on walls or supporting bases in spacecraft under zero gravity conditions [NASA-CASE-MFS-11132] c15 N71-17649 Design, development, and characteristics of latching mechanism for operation in limited access areas [NASA-CASE-IMS-03745] c15 N71-21076 Latching mechanism with pivoting catch and self-contained spring ejector [NASA-CASE-IMS-03538] c15 N71-24897 Latch for fastening spacecraft docking rings [NASA-CASE-MSC-15474-1] c15 N71-26162 Fail safe latching mechanism for spacecraft docking [NASA-CASE-MSC-12549-1] c15 N73-11443 Inproved latching device for joining structural	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [NASA-CASE-XGS-05718]
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin weights from space vehicle [NASA-CASE-XLA-00679] c15 N70-38601 Transparent polycarbonate resin, shell helmet and latch design for high altitude and space flight [NASA-CASE-IMS-04935] c05 N71-11190 Quick disconnect latch and handle combination for mounting articles on walls or supporting hases in spacecraft under zero gravity conditions [NASA-CASE-HPS-11132] c15 N71-17649 Design, development, and characteristics of latching mechanism for operation in limited access areas [NASA-CASE-IMS-03745] c15 N71-21076 Latching mechanism with pivoting catch and self-contained spring ejector [NASA-CASE-XLA-03538] c15 N71-24897 Latch for fastening spacecraft docking rings [NASA-CASE-MSC-15474-1] c15 N71-26162 Fail safe latching mechanism for spacecraft docking [NASA-CASE-MSC-12549-1] Improved latching device for joining structural components in motionless relationship	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [MASA-CASE-KGS-05718]
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin weights from space vehicle [NASA-CASE-XLA-00679] c15 N70-38601 Transparent polycarbonate resin, shell helmet and latch design for high altitude and space flight [NASA-CASE-XNS-04935] c05 N71-11190 Quick disconnect latch and handle combination for mounting articles on walls or supporting bases in spacecraft under zero gravity conditions [NASA-CASE-MFS-11132] c15 N71-17649 Design, development, and characteristics of latching mechanism for operation in limited access areas [NASA-CASE-MSS-03745] c15 N71-21076 Latching mechanism with pivoting catch and self-contained spring ejector [NASA-CASE-XLA-03538] c15 N71-24897 Latch for fastening spacecraft docking rings [NASA-CASE-NSC-15474-1] c15 N71-26162 Fail safe latching mechanism for spacecraft docking [NASA-CASE-MSC-12549-1] c15 N73-11443 Inproved latching device for joining structural components in motionless relationship [NASA-CASE-MFS-21606-1] c15 N73-22417	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [NASA-CASE-XGS-05718]
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin ueights from space vehicle [NASA-CASE-XLA-00679] c15 N70-38601 Transparent polycarbonate resin, shell helmet and latch design for high altitude and space flight [NASA-CASE-IMS-04935] c05 N71-11190 Quick disconnect latch and handle combination for mounting articles on walls or supporting bases in spacecraft under zero gravity conditions [NASA-CASE-MFS-11132] c15 N71-17649 Design, development, and characteristics of latching mechanism for operation in limited access areas [NASA-CASE-IMS-03745] c15 N71-21076 Latching mechanism with pivoting catch and self-contained spring ejector [NASA-CASE-IMS-03538] c15 N71-24897 Latch for fastening spacecraft docking rings [NASA-CASE-MSC-15474-1] c15 N71-26162 Fail safe latching mechanism for spacecraft docking [NASA-CASE-MSC-12549-1] c15 N73-11443 Inproved latching device for joining structural components in motionless relationship [NASA-CASE-MSC-12549-1] c15 N73-22417 ATERBAL CONTROL Three-axis controller operated by hand-wrist	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [NASA-CASE-XGS-05718]
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin weights from space vehicle [NASA-CASE-XLA-00679] c15 N70-38601 Transparent polycarbonate resin, shell helmet and latch design for high altitude and space flight [NASA-CASE-INS-04935] c05 N71-11190 Quick disconnect latch and handle combination for mounting articles on walls or supporting bases in spacecraft under zero gravity conditions [NASA-CASE-MFS-11132] c15 N71-17649 Design, development, and characteristics of latching mechanism for operation in limited access areas [NASA-CASE-INS-03745] c15 N71-21076 Latching mechanism with pivoting catch and self-contained spring ejector [NASA-CASE-XLA-03538] c15 N71-24897 Latch for fastening spacecraft docking rings [NASA-CASE-NSC-15474-1] c15 N71-26162 Fail safe latching mechanism for spacecraft docking [NASA-CASE-NSC-12549-1] c15 N73-11443 Improved latching device for joining structural components in motionless relationship [NASA-CASE-MFS-21606-1] c15 N73-22417 ATERAL CONTROL Three-axis controller operated by hand-wrist motion for yaw, pitch, and roll control	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [NASA-CASE-XGS-05718]
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin weights from space vehicle [NASA-CASE-XLA-00679] c15 N70-38601 Transparent polycarbonate resin, shell helmet and latch design for high altitude and space flight [NASA-CASE-XMS-04935] c05 N71-11190 Quick disconnect latch and handle combination for mounting articles on walls or supporting bases in spacecraft under zero gravity conditions [NASA-CASE-MPS-11132] c15 N71-17649 Design, development, and characteristics of latching mechanism for operation in limited access areas [NASA-CASE-MHS-03745] c15 N71-21076 Latching mechanism with pivoting catch and self-contained spring ejector [NASA-CASE-XLA-03538] c15 N71-24897 Latch for fastening spacecraft docking rings [NASA-CASE-MSC-15474-1] c15 N71-26162 Fail safe latching mechanism for spacecraft docking [NASA-CASE-MSC-12549-1] c15 N73-11443 Inproved latching device for joining structural components in motionless relationship [NASA-CASE-MFS-21606-1] c15 N73-22417 ATERAL CONTROL Three-axis controller operated by hand-wrist motion for yaw, pitch, and roll control [MASA-CASE-NASC-01404] c05 N70-41581	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [NASA-CASE-XGS-05718]
[NASA-CASE-GSC-11262-1] ATCHES Bolt-latch mechanism for releasing despin weights from space vehicle [NASA-CASE-XLA-00679] Transparent polycarbonate resin, shell helmet and latch design for high altitude and space flight [NASA-CASE-IMS-04935] Quick disconnect latch and handle combination for mounting articles on walls or supporting hases in spacecraft under zero gravity conditions [NASA-CASE-HPS-11132] Design, development, and characteristics of latching mechanism for operation in limited access areas [NASA-CASE-IMS-03745] Latching mechanism with pivoting catch and self-contained spring ejector [NASA-CASE-XLA-03538] Latch for fastening spacecraft docking rings [NASA-CASE-NSC-15474-1] Tash-CASE-NSC-15474-1] Improved latching mechanism for spacecraft docking [NASA-CASE-MSC-12549-1] Improved latching device for joining structural components in motionless relationship [NASA-CASE-MPS-21606-1] ATERAL CONTROL Three-axis controller operated by hand-wrist motion for yaw, pitch, and roll control [NASA-CASE-IAC-01404] Star sensor system for roll attitude control of spacecraft	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [NASA-CASE-XGS-05718]
[NASA-CASE-GSC-11262-1] ATCHES Bolt-latch mechanism for releasing despin weights from space vehicle [NASA-CASE-XLA-00679] Transparent polycarbonate resin, shell helmet and latch design for high altitude and space flight [NASA-CASE-IMS-04935] Quick disconnect latch and handle combination for mounting articles on walls or supporting bases in spacecraft under zero gravity conditions [NASA-CASE-MPS-11132] Design, development, and characteristics of latching mechanism for operation in limited access areas [NASA-CASE-IMS-03745] Latching mechanism with pivoting catch and self-contained spring ejector [NASA-CASE-IMS-03538] Latch for fastening spacecraft docking rings [NASA-CASE-IMSC-15474-1] Fail safe latching mechanism for spacecraft docking [NASA-CASE-MSC-12549-1] Inproved latching device for joining structural components in motionless relationship [NASA-CASE-MPS-21606-1] ATERBAL CONTROL Three-axis controller operated by hand-wrist motion for yaw, pitch, and roll control [NASA-CASE-IMSC-01404] Star sensor system for roll attitude control of spacecraft [NASA-CASE-IMSC-01404] COS N70-41856	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [NASA-CASE-XGS-05718]
[NASA-CASE-GSC-11262-1] c16 N74-21091 ATCHES Bolt-latch mechanism for releasing despin weights from space vehicle [NASA-CASE-XLA-00679] c15 N70-38601 Transparent polycarbonate resin, shell helmet and latch design for high altitude and space flight [NASA-CASE-XMS-04935] c05 N71-11190 Quick disconnect latch and handle combination for mounting articles on walls or supporting bases in spacecraft under zero gravity conditions [NASA-CASE-MPS-11132] c15 N71-17649 Design, development, and characteristics of latching mechanism for operation in limited access areas [NASA-CASE-MPS-03745] c15 N71-21076 Latching mechanism with pivoting catch and self-contained spring ejector [NASA-CASE-XLA-03538] c15 N71-24897 Latch for fastening spacecraft docking rings [NASA-CASE-NSC-15474-1] c15 N71-26162 Fail safe latching mechanism for spacecraft docking [NASA-CASE-MSC-12549-1] c15 N73-11443 Improved latching device for joining structural components in motionless relationship [NASA-CASE-MPS-21606-1] c15 N73-22417 ATERAL CONTROL Three-axis controller operated by hand-wrist motion for yaw, pitch, and roll control [NASA-CASE-XAC-01404] c05 N70-41581 Star sensor system for roll attitude control of spacecraft [NASA-CASE-INF-01307] c21 N70-41856 Supersonic or hypersonic vehicle control system	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [NASA-CASE-XGS-05718]
[NASA-CASE-GSC-11262-1] ATCHES Bolt-latch mechanism for releasing despin weights from space vehicle [NASA-CASE-XLA-00679] Transparent polycarbonate resin, shell helmet and latch design for high altitude and space flight [NASA-CASE-IMS-04935] Quick disconnect latch and handle combination for mounting articles on walls or supporting bases in spacecraft under zero gravity conditions [NASA-CASE-MPS-11132] Design, development, and characteristics of latching mechanism for operation in limited access areas [NASA-CASE-IMS-03745] Latching mechanism with pivoting catch and self-contained spring ejector [NASA-CASE-IMS-03538] Latch for fastening spacecraft docking rings [NASA-CASE-IMSC-15474-1] Fail safe latching mechanism for spacecraft docking [NASA-CASE-MSC-12549-1] Inproved latching device for joining structural components in motionless relationship [NASA-CASE-MPS-21606-1] ATERBAL CONTROL Three-axis controller operated by hand-wrist motion for yaw, pitch, and roll control [NASA-CASE-IMSC-01404] Star sensor system for roll attitude control of spacecraft [NASA-CASE-IMSC-01404] COS N70-41856	silicon germanium thermoelectric elements to obtain composite elements effective over wide temperature range [NASA-CASE-XGS-05718]

Test chambers with orifice and helium mass	[NASA-CASE-XHS-09632-1] c05 N71-11203
concernmenter for detecting leak rate of	Design and development of flexible tunnel for
encansulated semiconductor devices	use by spacecrews in performing extravehicular
ENACA_CACU_PDC→101501 CI4 0/1-40/34	activities rwasz-case-MSC-12243-11 c05 N71-24728
portable degice for detecting pheumatic pressure	[NASA-CASE-MSC-12243-1] c05 N71-24728 Development of improved convolute section for
leaks in hermetically sealed nousings	pressurized suits to provide high degree of
Fuach=Case=#PS-21763-1	mobility in response to minimum of applied
Teak detector with high vacuum seals	torque
[NASA-CASE-LAR-11237-1] c14 873-32344	r na sa-cass-xus-09637-11 c05 N71-24730
Lens assembly for solar furnace or solar simulator	Development and characteristics of inflatable
Lens assembly for solar rathace of Solar Size-	structure to prowide escape from orbit for
[NASA-CASE-XNP-04111] C14 N71-15622 Camera adapter design for image magnification	spacecrews under emergency conditions
including lens and illuminator	[HASA-CASE-XMS-06162] c31 H71-28851
ENSCS_CSCP_VMP=038AA=11 C14 M/1-204/4	Chlorine generator for purifying water in life
porologment and characteristics of Petzval type	support systems of manned spacecraft (WASA-CASE-KLA-08913] c14 #71-28933
-backing including tield Shaping 1805 IUI	[NASA-CASE-XLA-08913] C14 N71-28933 Open loop life support subsystem using breathing
focusing light of specified wavelength band on	bag as reservoir for BVA
curved photoreceptor	[NASA-CASE-HSC-12411-1] CO5 N72-20096
r wasa_casp_csc=10700 C23 M/1=3002/	Device for removing air from water for use in
Noise elimination in coherent imaging system by	life support systems in manned space flight
axial rotation of optical lense for spectral	[NASA-CASE-XLA-8914] C15 N/3-12492
distribution of degrading affects	Intra- and extravehicular life support space
[NASA-CASE-GSC-11133-1] c23 N72-11568 Photographic film restoration system using	suite for Apollo astronauts
Fourier transformation lenses and spatial filter	[NASA-CASE-MSC-12609-1] c05 N73-32012
fwasa-case-MSC-12448-11 C14 N72-20394	Catalyst Cartridge for carbon dioxide reduction
plaral beam antenna with parabolic reflectors	unit (wasa-case-lag-10551-11 c06 W74-12813
[NASA-CASE-GSC-11013-1] c09 N73-19234	[MAOR 485% TWE 1.00. 1]
LENTICOLAR BODIES	LIFT Turbofans under wings to provide lift and thrust
tenticular vehicle with foldable aerodynamic	Turborans under wings to provide this and chiese
control flaps and reaction jets for operation	for STOL aircraft [MASA-CASE-LEW-11224-1] c02 N72-10033
above and within earth's atmosphere	LIFT DEVICES
[NASA-CASE-XGS-00260] c31 N70-37924	Device for handling heavy loads by distributing
LEVEL (HORISONTAL)	forces
Hot-wire liquid level detector for cryogenic	[NASA-CASE-XNP-04969] C11 N69-27466
propellants [PASA_CASP=VLR=00454]	Techniques for recovery of multistage rocket
[HESE CESS I-I of (S.)]	wehicles by prowiding lifting surfaces on
LEVEL (QUARTITY) Gauge for measuring quantity of liquid in	individual sections
spherical tank in reduced gravity	[NASA-CASB-XMF-00389] c31 W70-34176
r Na Sa - Casr - YNS - 062361	Direct lift control system having flaps with
Conversion of positive dc voltage to positive dc	slots adjacent to their leading edge and
voltage of lower amplitude	particularly adapted for lightweight aircraft [NASA-CASE-LAR-10249-1] C02 H71-26110
[NASA-CASE-XMF-14301] c09 N71-23188	[NASA-CASE-LAR-10249-1] CO2 E71-26110 Development of auxiliary lifting system to
LEVELING	provide ferry capability for entry vehicles
Development of adjustable attitude guide block	[NASA-CASE-LAR-10574-1] c11 N73-13257
for setting pins perpendicular to irregular	LIFT DRAG RATIO
convex work surface [Nasa-Casr-xLa-07911] c15 N71-15571	Design of ring wing vehicle of high
[NASA-CASE-NLA-07911] c15 H71-155/1 Electrical switching device comprising	drag-to-weight ratio to withstand reentry
conductive liquid confined within square loop	stress into low density atmosphere
of deformable nonconductive tubing also used	[NASA-CASE-XLA-04901] C31 871-24315
for leveling	LIFTING BODIES
rnasa-case-npo-10037] c09 N71-19610	Techniques for recovery of multistage rocket
Adjustable support device with jacket screw for	vehicles by providing lifting surfaces on
altering distance between base and supported	individual sections (NASA-CASE-XMP-00389] c31 N70-34176
member	[NASA-CASE-KMF-00389] C31 N70-34176 Graphic illustration of lifting body design
[NASA-CASE-NPO-10721] c15 N72-27484	[NASA-CASE-PRC-10063] G01 971-12217
Automatically operable Self-leveling load table	Static force balancing system attached to
with plurality of solenoid valves [NASA-CASE-MFS-22039-1] c14 N73-30428	lifting body
[NASA-CASE-MFS-22039-1] c14 H73-30428 LIFE (DURABILITY)	[NASA-CASE-LAR-10348-1] c11 H73-12264
Hollow rolling element bearings	-t.T-POTEG REENTRY VERICLES
[NASA-CASE-LEW-11087-3] c15 N74-21064	Lenticular vehicle with foldable aerodynamic
LIFE DETECTORS	control flaps and reaction jets for operation
use of enzyme herokinase and glucose to reduce	above and within earth's atmosphere [NASA-CASE-XGS-00260] c31 M70-37924
inherent light levels of ATP in luciferase	[NASA-CASE-XGS-00260] C31 N70-3/924
compositions	high aerodynamic efficiency over wide speed
[NASA-CASE-XGS-05533] c04 N69-27487	range and incorporating auxiliary pivotal wings
Describing method for lyophilization of	[NASA-CASE-XLA-03691] c31 N71-15674
luciferase containing mixtures for use in life	Designing spacecraft for flight into space,
<pre>detection reactions rwss-case-rgs-055321</pre>	atmospheric reentry, and landing at selected
[sites
LIFE BAFTS Design of inflatable life raft for aircrafts and	[NASA-CASE-XAC-02058] C02 N71-16087
boats	LIGHT (VISIBLE RADIATION)
[NASA-CASE-XMS-00863] c05 N70-34857	Light baffle with oblate bemispheroid surrace
Inflatable stabilizing system for use on life	and shading flange
raft to reduce rocking and preclude capsizing	[NASA-CASE-NPO-10337] c14 N71-15604
[NASA-CASE-MSC-12393-1] c02 N73-26006	maksutov spectrograph for low light level research
Modification of one man life raft	[MASA-CASE-XLA-10402] c14 H71-29041 Method and apparatus for producing intense,
[NASA-CASE-LAR-10241-1] c05 N74-14845	coherent, nonochromatic light from low
LIPE SUPPORT SYSTEMS	temperature plasma
Shock absorbing couch for body support under high acceleration or deceleration forces	f NASA-CASE-XNP-04167-31 C25 N72-21693
[NASA-CASE-XMS-01240] c05 N70-35152	Device for detection of combustion light
Portable environmental control and life support	preceding qaseous explosions
system for astronaut in and out of spacecraft	[NASA-CASE-LAR-10739-1] C14 H73-16484

LIGHT AIRCRAFT	Thin absorbing netallic film for increased
Direct lift control system having flaps with	wisible light transmission
slots adjacent to their leading edge and	[NASA-CASE-LAR-10836-1] c26 N72-27784
Particularly adapted for lightweight aircraft	Transmitting and reflecting diffuser for
[NASA-CASE-LAR-10249-1] c02 N71-26110	ultraviolet light
LIGHT BEARS	[NASA-CASE-LAR-10385-2] c23 N74-13436
Cylindrical reflector for resolving wide angle	LIGHTIDG EQUIPHEUT
light bean from telescope into narrow bean for	Sealed fluorescent tube light unit capable of
spectroscopic analysis [NASA-CASE-NGS-08269] c23 H71-26206	connection with other units to form string of work lights
Development and characteristics of optical	-[NASA-CASE-XKS-05932] c09 N71-26787
Communications system based on nodulation of	Pressurized inert gas feed for lighting system
light beans	[MASA-CASE-KSC-10644] C09 N72-27227
[NASA-CASE-XLA-01090] c16 N71-28963	LIGHTHING
Bultiple pattern holographic information storage	Apparatus for determining distance to lighting
and readout system	strokes from single station by pagnetic and
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Slosh damping method for liquid rocket propellant tanks [NASA-CASE-IMF-00658] c12 N70-38997 Flexible ring slosh damping baffle for spacecraft fuel tank [NASA-CASE-IME-10317-1] c32 N71-16103 Submerged fuel tank baffles to prevent sloshing in liquid propellant rocket flight [NASA-CASE-IME-04605] c32 N71-16106 Hot-Hire liquid level detector for cryogenic propellants [NASA-CASE-ILE-00454] c23 N71-17802 Slosh and swirl alleviator for liquid propellant tanks during transport and flight [NASA-CASE-ILE-00749] c15 N71-19569 Pressure sensor network for measuring liquid dynamic response in flight including fuel tank acceleration, liquid slosh amplitude, and fuel depth monitoring [NASA-CASE-ILE-05541] c12 N71-26387 LIQUID-GAS HINTORES Liquid-gas separator adapted for use in zero gravity environment - drawings [NASA-CASE-IME-01624] c15 N70-40062 Absorbent apparatus for separating gas from liquid-gas stream used in environmental control under zero gravity conditions [NASA-CASE-XHS-01624] c05 N70-41297 Venting device for liquid propellant storage tank using magnetic field to separate liquid and gaseous phases [NASA-CASE-XHE-01449] c15 N70-41646 Liquid-gaseous centrifugal separator for weightlessness environment [NASA-CASE-XLE-01449] c15 N70-41646 Liquid-gaseous centrifugal separator for weightlessness environment [NASA-CASE-XLE-01449] c15 N71-16079 Vapor-liquid separator design with vapor driven pump for separated liquid pumping for application in propellant transfer [NASA-CASE-XHF-04042] c15 N71-23023 LIQUID-VAPOR INTERFACES Describing apparatus for separating gas from	INASA-CASE-NPO-10998-1] LOAD DISTRIBUTION (PORCES) Force measuring instrument for structural members, particularly fastening bolts or studs [NASA-CASE-IMF-00456] C14 N70-34705 Bultiple Belleville spring assembly with even load distribution [NASA-CASE-XNP-00840] C15 N70-38225 LOAD TESTING HACHIMES Load cell protection device using spring-loaded breakaway mechanism [NASA-CASE-XMS-06782] C32 N71-15974 Development of device for transferring load from load cell to bypass mechanism [NASA-CASE-XMS-06329-1] C15 N71-20441 LOAD TESTS Differential pressure cell insensitive to changes in ambient temperature and extreme overload [NASA-CASE-XMC-00042] C14 N70-34816 LOADING OPERATIONS Air bearings for near frictionless transfer of loads from one body to another [NASA-CASE-XMF-01887] C15 N71-10617 LOADS (FORCES) Device for handling heavy loads by distributing forces [NASA-CASE-XNF-04969] C11 N69-27466 Two plane balance for simultaneous measurements of multiple forces [NASA-CASE-XNC-00073] C14 N70-34813 Improving load capacity and fatigue life of rolling element systems in rockets and missiles [NASA-CASE-XNE-02999] C15 N71-16052 Development of device for transferring load from load cell to bypass mechanism [NASA-CASE-XHE-02999] C15 N71-16052 Development of device for transferring load from load cell to bypass mechanism [NASA-CASE-XHE-02999] C15 N71-20441 Valve assembly for controlling simultaneously nore than one fluid flow, and having stable qualities under loads [NASA-CASE-XHS-05890] C09 N71-23191
Slosh damping method for liquid rocket propellant tanks [NASA-CASE-IMF-00658] c12 N70-38997 Flexible ring slosh damping baffle for spacecraft fuel tank [NASA-CASE-IAR-10317-1] c32 N71-16103 Submerged fuel tank baffles to prevent sloshing in liquid propellant rocket flight [NASA-CASE-IAR-04605] c32 N71-16106 Hot-wire liquid level detector for cryogenic propellants [NASA-CASE-ILE-00454] c23 N71-17802 Slosh and swirl alleviator for liquid propellant tanks during transport and flight [NASA-CASE-ILA-05749] c15 N71-19569 Pressure sensor network for measuring liquid dynamic response in flight including fuel tank acceleration, liquid slosh amplitude, and fuel depth monitoring [NASA-CASE-ILA-05541] c12 N71-26387 LIQUID-GAS HINTORRS Liquid-gas separator adapted for use in zero gravity environment - drawings [NASA-CASE-INE-01624] c15 N70-40062 Absorbent apparatus for separating gas from liquid-gas stream used in environmental control under zero gravity conditions [NASA-CASE-INE-01624] c05 N70-41297 Venting device for liquid propellant storage tank using magnetic field to separate liquid and gaseous phases [NASA-CASE-INE-01449] c15 N70-41646 Liquid-gaseous centrifugal separator for weightlessness environment [NASA-CASE-ILE-01449] c15 N70-41646 Liquid-gaseous centrifugal separator for weightlessness environment [NASA-CASE-INE-00415] c15 N71-16079 Vapor-liquid separator design with vapor driven pump for separated liquid pumping for application in propellant transfer [NASA-CASE-INE-00402] c15 N71-23023 LIQQID-VAPOR INTERFACES Describing apparatus for separating gas from cryogenic liquid under zero gravity and for	INASA-CASE-NPO-10998-1] c06 N73-32029 LOAD DISTRIBUTION (PORCES) Force measuring instrument for structural members, particularly fastening bolts or studs [NASA-CASE-IMF-00456] c14 N70-34705 Hultiple Belleville spring assembly with even load distribution [NASA-CASE-IMF-00840] c15 N70-38225 LOAD TESTING HACHIMES Load cell protection device using spring-loaded breakaway mechanism [NASA-CASE-IMS-06782] c32 N71-15974 Development of device for transferring load from load cell to bypass mechanism [NASA-CASE-IMS-06329-1] c15 N71-20441 LOAD TESTS Differential pressure cell insensitive to changes in ambient temperature and extreme overload [NASA-CASE-IMC-00042] c14 N70-34816 LOADING OPERATIONS Air bearings for near frictionless transfer of loads from one body to another [NASA-CASE-IMF-01887] c15 N71-10617 LOADS (FORCES) Device for handling heavy loads by distributing forces [NASA-CASE-IMF-04969] c11 N69-27466 Two plane balance for simultaneous measurements of multiple forces [NASA-CASE-IMC-00073] c14 N70-34813 Improving load capacity and fatigue life of rolling element systems in rockets and missiles [NASA-CASE-IMC-0299] c15 N71-16052 Development of device for transferring load from load cell to bypass mechanism [NASA-CASE-IMS-06329-1] c15 N71-20441 Valve assembly for controlling simultaneously more than one fluid flow, and having stable qualities under loads [NASA-CASE-IMS-05890] c09 N71-23191 Solid state force measuring electromechanical
Slosh damping method for liquid rocket propellant tanks [NASA-CASE-IMF-00658] c12 N70-38997 Flexible ring slosh damping baffle for spacecraft fuel tank [NASA-CASE-IMF-01317-1] c32 N71-16103 Submerged fuel tank baffles to prevent sloshing in liquid propellant rocket flight [NASA-CASE-ILA-04605] c32 N71-16106 Hot-Hire liquid level detector for cryogenic propellants [NASA-CASE-ILE-00454] c23 N71-17802 Slosh and swirl alleviator for liquid propellant tanks during transport and flight [NASA-CASE-ILA-05749] c15 N71-19569 Pressure sensor network for measuring liquid dynamic response in flight including fuel tank acceleration, liquid slosh amplitude, and fuel depth monitoring [NASA-CASE-ILA-05541] c12 N71-26387 LIQUID-GAS HINTORES Liquid-gas separator adapted for use in zero gravity environment - drawings [NASA-CASE-IMS-01624] c15 N70-40062 Absorbent apparatus for separating gas from liquid-gas stream used in environmental control under zero gravity conditions [NASA-CASE-XHS-01492] c05 N70-41297 Venting device for liquid propellant storage tank using magnetic field to separate liquid and gaseous phases [NASA-CASE-XHS-01449] c15 N70-41646 Liquid-gaseous centrifugal separator for weightlessness environment [NASA-CASE-XLE-01449] Liquid-gaseous centrifugal separator for weightlessness environment [NASA-CASE-XLE-01449] c15 N70-41646 Liquid-gaseous centrifugal separator for weightlessness environment [NASA-CASE-XLE-01449] c15 N71-16079 Vapor-liquid separator design with vapor driven pump for separated liquid pumping for application in propellant transfer [NASA-CASE-XHF-04042] LIQUID-VAPOR INTERPLES Describing apparatus for separating gas from	INASA-CASE-NPO-10998-1] LOAD DISTRIBUTION (PORCES) Force measuring instrument for structural members, particularly fastening bolts or studs [NASA-CASE-IMF-00456] C14 N70-34705 Bultiple Belleville spring assembly with even load distribution [NASA-CASE-XNP-00840] C15 N70-38225 LOAD TESTING HACHIMES Load cell protection device using spring-loaded breakaway mechanism [NASA-CASE-XMS-06782] C32 N71-15974 Development of device for transferring load from load cell to bypass mechanism [NASA-CASE-XMS-06329-1] C15 N71-20441 LOAD TESTS Differential pressure cell insensitive to changes in ambient temperature and extreme overload [NASA-CASE-XMC-00042] C14 N70-34816 LOADING OPERATIONS Air bearings for near frictionless transfer of loads from one body to another [NASA-CASE-XMF-01887] C15 N71-10617 LOADS (FORCES) Device for handling heavy loads by distributing forces [NASA-CASE-XNF-04969] C11 N69-27466 Two plane balance for simultaneous measurements of multiple forces [NASA-CASE-XNC-00073] C14 N70-34813 Improving load capacity and fatigue life of rolling element systems in rockets and missiles [NASA-CASE-XNE-02999] C15 N71-16052 Development of device for transferring load from load cell to bypass mechanism [NASA-CASE-XHE-02999] C15 N71-16052 Development of device for transferring load from load cell to bypass mechanism [NASA-CASE-XHE-02999] C15 N71-20441 Valve assembly for controlling simultaneously nore than one fluid flow, and having stable qualities under loads [NASA-CASE-XHS-05890] C09 N71-23191

Turn on current transient limiter for	[NASA-CASE-XNP-00432] c08 N70-35423
controlling peak current flow in high capacity	Conversion system for increasing resolution of
load	analog to digital converters rwasa-case-yac-004041 c08 N70-40125
rnaca_caer_cec-10413]	
Synchronous do direct-drive system comprising	Data processor having multiple sections
	activated at different times by selective power coupling to sections
controlling load directly connected to actuator	[NASA-CASE-XGS-04767] COS N71-12494
[NASA-CASE-GSC-10065-1] c10 N71-27136	Binary sequence detector with few memory
Force balanced throttle valve for fuel control	elements and minimized logic circuit complexity
in rocket engines rwss-cisp-wpo-108081 c15 N71-27432	[NASA-CASE-XNP-05415] c08 N71-12505
[NASA-CASE-NPO-10808] c15 N71-27432 Energy absorption device in high precision gear	Bistable multivibrator circuits operating at
train for protection against damage to	high speed and low power dissipation
components caused by stop loads	[NASA-CASE-XGS-00823] c10 N71-15910
[NASA-CASE-XNP-01848] c15 N71-28959	Logic AND gate for fluid circuits
Air bearing for use in exterior environment for	[NASA-CASE-XLA-07391] c12 N71-17579
mowing heavy loads	Logic circuit to ripple add and subtract binary
FNASA-CASE-WLP-100021 C15 N/2-1/451	counters for spaceborne computers [Nasa-Case-xGS-04766] c08 N71-18602
Measuring device for bearing preload using	[NASA-CASE-KGS-04766] COB N71-18602 Constructing Exclusive-Or digital logic circuit
spring washers	
[NASA-CASE-MFS-20434] c11 N72-25288	in single module [NASA-CASE-XLA-07732] c08 N71-18751
Variable direction force coupler for	Stepping motor control apparatus exciting
transmitting force along selectable curve path	windings in proper time sequence to cause
	motor to rotate in either direction
Turnbuckle device for tensile stress load	[NASA-CASE-GSC-10366-1] C10 N71-18772
measurements [NASA-CASE-MFS-21488-1] c14 N73-23526	Serial digital decoder design with square
versatile ergometer with work load control	circuit matrix and serial memory storage units
[NASA-CASE-MFS-21109-1] C05 N73-27941	[NASA-CASE-NPO-10150] c08 N71-24650
Three-axis adjustable loading structure	Binary to decimal decoder logic circuit design
[NASA-CASE-FRC-10051-1] c14 N74-13129	with feedback control and display device
OCATES SYSTEM	[NASA-CASE-XKS-06167] COS N71-24890
System for locating lightning strokes by	Design and development of multistage current
coordination of directional antenna signals	steering switch with inductively coupled
[NASA-CASE-KSC-10729-1]	magnetic cores rwasa-rase-rwp-085671 c09 N71-26000
Position determination systems using orbital	[NASA-CASE-XNP-08567] C09 N71-26000 Logic circuit for generating multibit binary
antenna scan of celestial body	code word in parallel
[NASA-CASE-MSC-12593-1] C09 N74-14942	[NASA-CASE-XNP-04623] C10 N71-26103
OCKING	Adaptive signal generating system and logic
Releasable coupling device designed to receive and retain matching ends of electrical	circuits for satellite television systems
	f NASA-CASE-GSC-11367] C10 N71-2637
connectors [NASA-CASE-XMS-07846-1] c09 N69-21927	Transistorized switching logic circuits with
OCKS (FASTENERS)	tunnel diodes
Ball locking device which releases in response	[NASA-CASE-GSC-10878-1] C10 N72-22236
to small forces when subjected to high axial	Logical function and circuit generator
loads	[NASA-CASE-XLA-05099] c09 N73-1320
[NASA-CASE-XMF-01371] c15 N70-41829	Circuit with differential amplifier for
Low friction bearing and lock mechanism for	synthesizing capacitance multiplier with
two-axis gimbal carrying satellite payload	nicrominiaturized feedback components [NASA-CASE-NPO-11948-1] c10 N73-1525
[NASA-CASE-GSC-10556-1]	Integrated microcircuits and complementary
Locking device for retaining turbine rotor	four-phase logic system
blades on turbine wheel [NASA-CASE-XNP-00816]	[NASA-CASE-MSC-14240-1] c10 N73-2124
[NASA-CASE-XNP-00816] c28 N71-28928 Longitudinalfilm gate and lock mechanism for	A synchronous binary array divider
securing film in motion picture cameras under	[NASA-CASE-ERC-10180-1] c08 N74-2083
vibration and high acceleration loads	LONGITUDINAL CONTROL
[NASA-CASE-LAR-10686] C14 N71-28935	Three-axis controller operated by hand-wrist
Design of quick release locking pin for joining	notion for yaw, pitch, and roll control
two or more load-carrying structural members	[NASA-CASE-XAC-01404] COS N70-4158
[NASA-CASE-MFS-18495] c15 N72-11385	LOOP ANTENNAS
OCOROTION	Collapsible, space erectable loop antenna system
Jet shoes for space locomotion	for space vehicle [NASA-CASE-NMF-00437] c07 N70-4020
[NASA-CASE-XLA-08491]	Automatic carrier acquisition system for phase
Attitude control training device for astronauts	locked loop receiver
permitting friction-free movement with five degrees of freedom	[NASA-CASE-NPO-11628-1] c07 N73-3011
[NASA-CASE-XMS-02977] c11 N71-10746	LOOPS
Restraint torso for increased mobility and	Tape cartridge with high capacity storage of
reduced physiological effects while wearing	endless-loop magnetic tape
pressurized suits	[NASA-CASE-XGS-00769] c14 N70-4164
[NASA-CASE-MSC-12397-1] c05 N72-25119	Endless loop tape transport mechanism for
OGABITHES	driving and tensioning recording medium in
Technique for deriving logarithm of input signal	magnetic tape recorder
using exponentially varying electric signal	[NASA-CASE-XGS-01223] c07 N71-1060
inversely	Filter for third order phase locked loops in
[NASA-CASE-ERC-10267] c09 N72-23173	signal receivers rwasa-case-npo-11941-13 c10 N73-2717
LOGIC CIRCUITS	[NASA-CASE-NPO-11941-1] C10 N/3-2/1/ High speed shutter electrically actuated
Selective gold diffusion on monolithic silicon	ribbon loop for shuttering optical or fluid
chips for switching and nonswitching amplifier	passageways
devices and circuits and linear and digital	[NASA-CASE-ARC-10516-1] c23 N74-2130
logic circuits [NASA-CASE-ERC-10072]	LOW ASPECT RATIO
Counter-divider circuit for accuracy and	Aerospace configuration with low and high aspect
reliability in binary circuits	ratio variability for high and low speed fligh
[NASA-CASE-XMF-00421] C09 N70-34502	[NASA-CASE-XLA+00142]
Binary to binary-coded decimal converter using	Aerodynamic configuration for aircraft capable
single set of logic circuits notwithstanding	of high speed flight and low drag for low
number of shift register decades	speed takeoff or landing upon presently
	T-96

existing airfields		shaft to retain lubricating oils around shaft
[NASA-CASE-XLA-00806]	c02 N70-34858	[NASA-CASE-XLE-05130-2] C15 N71-19570
LOS COST		LUBRICATION Variable resistance tension and lubrication
Low Cost efficient thermionic conv	erter for use	device, using oil-saturated leather eiper
in buclear reactors [NASA-CASE-NPO-13121-1]	c22 N73-12702	[NASA-CASE-KSC-10723-1] c15 N73-23553
LOS DEESITY HATERIALS	C22 W/3 12/02	Hollow high strength rolling elements for
Method and photodetector device for	or locating	antifriction bearings fabricated from
abnormal voids in low density ma		preformed components
[NASA-CASE-MFS-20044]	c14 N71-28993	[NASA-CASE-LEH-11026-1] c15 N73-33383
Development of method and equipmen		LUBRICATION SYSTEMS
detecting cracks in materials wi		Development of hybrid bearing lubrication system
subsurface matrix covered by imp	pervious coating	with combination of standard type lubrication
[NASA-CASE-HSC-14187-1]	c14 N73-17564	and magnetic flux field for earth atmosphere
LOO PREQUENCIES		and space environment operation
Determining sway of buildings by 1	los frequency	[NASA-CASE-INP-01641] c15 N71-22997
device using pendulum	46 874 2576	Lubrication for bearings by capillary action
[NASA-CASE-XMF-00479]	c14 N70-34794	from oil reservoir of porous material [NASA-CASE-INP-03972] c15 N71-23048
LOW BOLRCULAR BRIGHTS	la- maicht	[NASA-CASE-INP-03972] c15 N71-23048
Process for preparing high molecul polyaryloxysilanes from lower mo		Visual target luminaires for retrofire attitude
forms of the formal of the for	Viecniat seidur	control
[NASA-CASE-XHF-08674]	c06 N71~28807	[NASA-CASE-XHS-12158-1] c31 N69-27499
LOS BOISE		Development of ultraviolet resonance lamp with
Low phase noise frequency divider	for use with	improved transmission of radiation
deep space network communication		[NASA-CASE-ARC-10030] CO9 N71-12521
[NASA-CASE-NPO-11569]	c10 N73-26229	Lamp modulator for generating visual indication
LOS PRESSURE		of presence and magnitude of signal
Flowmeters for sensing low fluid t		[NASA-CASE-RSC-10565] c09 N72-25250
pressure for application to resp	piration rate	Electrodeless lamp circuit driven by induction
studies	-40 W74 DCERC	[NASA-CASE-MFS-21214-1] c09 N73-3018
[NASA-CASE-FRC-10022]	c12 N71-26546	LUBINOSITY Nechanism for measuring nanosecond time
Variable geometry manned orbital to	mohidlo bamina	differences between luminous events using
high aerodynamic efficiency over		streak camera
range and incorporating auxilian		[NASA-CASE-XLA-01987] c23 N71-23976
[NASA-CASE-XLA-03691]	c31 N71-15674	LUMINOUS INTENSITY
Device utilizing RC rate generator		Filter arrangement for controlling light
continuous slow speed measuremen		intensity in motion picture camera used in
[NASA-CASE-XMF-02966]	c10 N71-24863	optical pyrometry
LOU TEMPERATURE ENVIRONMENTS		[NASA-CASE-XLA-00062] c14 N70-33254
Flexible, frangible electrochemics	al cell and	Development of star intensity measuring system
package for operation in low ter	operature	which minimizes effects of outside interference
environment		[NASA-CASE-XNP-06510] c14 N71-2379
[NASA-CASE-XGS-10010]	c03 N72-15986	LONAR BASES
LOR TEMPERATURE TESTS	ing of	Development and characteristics of natural circulation radiator for use with nuclear
Cryostat for flexure fatigue test:	rnd or	power plants installed in lunar space stations
composite materials [NASA-CASB-XMF-02964]	c14 N71-17659	[NASA-CASE-XHQ-03673] c33 N71-29046
Cryostat for use with horizontal		LUMAR COMMUNICATION
machines at low temperatures		Conversion system for transforming slow scan
[NASA-CASE-XMF-10968]	c14 N71-24234	rate of Apollo TV camera on moon to fast scan
LON VACOUR		of commercial TV
Vibration damping system operating	g in low wacuum	[NASA-CASE-XMS-07168] CO7 N71-11300
environment for spacecraft mecha		Three transceiver lunar emergency system to
[NA SA-CASE-XMS-01620]	c23 N71-15673	relay voice communication of astronaut
LOW WOLTAGE		[NASA-CASE-BFS-21042] c07 N72-2517
High speed low level voltage comm	c09 N70-39915	LONAR COMPOSITION
[NASA-CASE-XAC-00060] Flexible monopole antenna with bro		Development and characteristics of pentrometer for measuring physical properties of lunar
and low voltage standing wave re		surface
[NASA-CASE-MSC-12101]	c09 N71-18720	[NASA-CASE-XLA-00934] c14 N71-2276
Circuit design for failure sensing		LUNAR EXPLORATION
protecting low voltage electric		Backpack carrier with retractable legs suitable
power transmission networks		for lunar exploration and convertible to
[NASA-CASE-GSC-10114-1]	c10 N71-27366	rescue vehicle
LUBRICANTS	_	[NASA-CASE-LAR-10056] c05 N71-1235
metallic film diffusion into meta.		Development and characteristics of pentrometer
surfaces for boundary lubrication	on in aerospace	for measuring physical properties of lunar
environments	c18 N71-10772	Swiface
[NASA-CASE-XLE-01765] Hetallic film diffusion for bounds		[NASA-CASE-XLA-00934] c14 N71-2276: Lightweight propulsion unit for movement of
in aerospace engineering	ary lubrication	personnel and equipment across lunar surface
[NASA-CASE-XLE-10337]	c15 N71-24046	[NASA-CASE-MFS-20130] c28 N71-2758
Bearing sectors for controlling se		Three transceiver lunar emergency system to
instability of journal bearing	shafts rotating	relay voice communication of astronaut
at high speeds in low viscosity		[NASA-CASE-MPS-21042] c07 N72-2517
[NASA-CASE-LEW-11076-2]	c15 N73-20533	LUNAR FLYING VEHICLES
Fluorinated esters of polycarboxy.	lic acid and	Rinesthetic control simulator with multiple
lubricating compositions for us	e at extreme	degree of freedom of movement similar to lunar
temperature	ADE 173-30000	flying vehicles
[NASA-CASE-BPS-21040-1]	c06 N73-30098	[NASA-CASE-LAR-10276-1] c11 N70-2681
Thiophenyl ether disiloxanes and	CTTSTICES	LUNAR GRAVITATION Apparatus for training astronaut creus to
useful as lubricant fluids [NASA-CASE-MF5-22411-1]	c15 N74-21058	perform on simulated lunar surface under
Journal bearings for lubrican		conditions of lunar gravity
[NASA-CASE-LEH-11076-1]	c15 x74-21061	[NASA-CASE-XES-04798] c11 N71-2147
LURRICATING OILS		LUMAR GRAVITY SIMULATOR
Fluid seal formed by flexible dis	k on rotating	Lunar and planetary gravity simulator to test

		FW101 -147 W-1 404507	45
vehicular response to landing	c11 N70-34786	[NASA-CASE-XLA-10470] Drilled ball bearing with a one	c15 N72-21489
[NASA-CASE-XLA-00493]	C11 M10-24100	anti-tipping cage assembly	prece
Lunar landing flight research webi	cle	[NASA-CASE-LEW-11925-1]	c15 N74-18133
[NASA-CASE-XFR-00929]	c31 N70-34966	MAGNESIUM	_
LUBAR LOGISTICS		Chemical spot test for identifying	
Lightweight propulsion unit for mo personnel and equipment across l		magnesium alloys used in aeros; [NASA-CASE-LAR-10953-1]	c17 N73-27445
[NASA-CASE-MFS-20130]	c28 N71-27585	MAGNESIUM ALLOYS	C11 N12 21442
LUNAB BOCKS		Procedure for bonding polytetraf	luoroethylene
Impact bit for cutting, collecting	, and storing	thermal protective sleeves to	
samples such as lunar rock cutti		conical shell components with	different
[NASA-CASE-XNP-01412]	c15 N70-42034	thermal coefficients [NASA-CASE-XLA-012621	c15 N71-21404
Development of device for separati	bg_	Chemical spot test for identifying	
collecting, and viewing soil par		magnesium alloys used in aeros	
[NASA-CASE-XNP-09770]	c15 N71-20440	[NASA-CASE-LAR-10953-1]	c17 N73-27446
Device which separates and screens		MAGNESIUM OXIDES	3 67
soil samples for vidicon viewing	in vacuum and	<pre>Method for determining presence a in MgO</pre>	and type of OH
reduced gravity environments [NASA-CASE-INP-09770-3]	c11 N71-27036	[NASA-CASE-NPO-10774]	c06 N72-17095
System for recovering oxygen and/o		MAGNET COILS	
extraterrestrial soil and iron o	xide materials	Improved alternator with winding:	
[NASA-CASB-MSC-12332-1]		superconducting materials activ	ng as permanent
Portable penetrometer for analyzin characteristics	g soli	magnet [NASA-CASE-XLE-02824]	c03 N69-39890
	c14 N73-19420	Relay circuit breaker with magnet	
Method for obtaining oxygen from 1		provide conductive and noncond	
similar soil	=	current devices	
	c13 N74-13011	[WASA-CASE-BSC-11277]	c09 N71-29008
Resilient vehicle wheel for lunar	curface travel	MAGNETIC CHARGE DENSITY Ton engine with magnetic circuit	for ontimal
	c31 N71-18611	discharge	TOT OPTIMAL
Resilient wheel design with woven		[NASA-CASE-XLE-01124]	c28 N71-14043
abrasive treads for lunar surfac		MAGNETIC CIRCUITS	
[NASA-CASE-MFS-13929]	c15 N71-27091	Ion engine with magnetic circuit	for optimal
LUNGS Piston device for producing known	constant	discharge [NASA-CASE-XLE-01124]	C28 N71-14043
positive pressure within lungs h		MAGNETIC COILS	040 571 11073
thoracic muscles	• •	Time division multiplexer with ma	agnetic latching
[NASA-CASE-XMS-01615]	c05 N70-41329	relays	
		[NASA-CASE-XNP-00431] Linear magnetic braking system w	c09 N70~38998
M			
BACHINE TOOLS		wrapped primary coil producing braking force on secondary coil	
Rotary impact-type rock drill for	recovering	braking force on secondary coi: [NASA-CASE-XLE-05079]	1 c15 N71-17652
Rotary impact-type rock drill for rock cuttings		braking force on secondary coi: [NASA-CASE-XLE-05079] Electroexplosive safe-arm initia	l c15 N71-17652 tor using
Rotary impact-type rock drill for rock cuttings [NASA-CASE-XNP-07478]	c14 N69-21923	braking force on secondary coi: [NASA-CASE-XLE-05079] Electroexplosive safe-arm initia: electric driven electromagnetio	l c15 N71-17652 tor using
Rotary impact-type rock drill for rock cuttings [NASA-CASE-XNP-07478] Description of protective device f	c14 N69-21923 or providing	braking force on secondary coi: [NASA-CASE-XLE-05079] Electroexplosive safe-arm initia: electric driven electromagnetion magnets to align charge	l c15 N71-17652 tor using
Rotary impact-type rock drill for rock cuttings [NASA-CASE-XNP-07478]	c14 N69-21923 or providing work piece in	braking force on secondary coi: [NASA-CASE-XLE-05079] Electroexplosive safe-arm initia: electric driven electromagnetio	l c15 N71-17652 tor using c coils and
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processing equipment	[NASA-CASE-LEH-11632-2] c14 N73-29437
[NASA-CASE-EEC-10125] c09 N71-24893 Temperature sensitive magnetometer with	Electron beam controller using magnetic
\[\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	field to refocus spent electron beam in microwave oscillator tube
1 LMASA-CASE-XAC-037401 c14 N71-26135	[NASA-CASE-LEW-11617-1] c09 N74-10195
Digital magnetic core memory with sensing amplifier circuits	SAGRETIC PLOX
[NASA-CASE-ENP-01012] COS N71-28925	Excitation and detection circuitry for flux responsive magnetic head
Saturable magnetic core and signal detection for	[NASA-CASE-XNP-04183] c09 N69-24329
indicating impending saturation [NASA-CASE-ERC-10089] c23 N72-17747	Cryogenic flux-gated magnetometer using
Commutator for steering precisely controlled	superconductors [NASA-CASE-NAC-02407] c14 N69-27423
pldirectional currents through numerous loads	Flux gate magnetometer with toroidal gating coil
by use of magnetic core shift registers [NASA-CASE-NPO-10743] c08 N72-21199	and solencidal output coil for signal modulation or amplification
Banded transformer cores	[NASA-CASE-XGS-01881] c09 N70-40123
MESA-CASE-NPO-11966-1] CO9 N74-17928	Development of hybrid bearing lubrication system
Torquemeter for determining magnitude of torque	with combination of standard type lubrication and magnetic flux field for earth atmosphere
generated by interaction of magnetic dipole	and space environment operation
between test specimen and ambient magnetic field [NASA-CASE-XGS-01013] c14 N71-23725	[NASA-CASE-XNP-01641] c15 N71-22997
BAGNETIC DISKS	Magnetic current regulator for saturable core transformer
Device for removing plastic dust cover from	[NASA-CASE-ERC-10075] CO9 N71-24800
digital computer disk packs for inspection and cleaning	Magnetic flux pump for changing intensity of magnetic fields
[NASA-CASE-LAR-10590-1] c15 N70-26819	[NASA-CASE-XNP-01187] c15 N73-28516
BAGNETIC REFECTS	Method for increasing intensity of magnetic
Axially and radially controllable magnetic bearing [NASA-CASE-GSC-11551-1] c15 N74-18132	field by transferring flux [NASA-CASE-XNP-01188] c15 N73-32361
HAGNETIC FIELDS	[NASA-CASE-XNP-01188] c15 N73-32361 HAGNETIC FORHING
Hagnetically diffused radial electric arc heater [NASA-CASE-XLA-00330] c33 N70-34540	Portable magnetomotive hammer for metal working
[NASA-CASE-XLA-00330] c33 N70-34540 Method and apparatus for communicating through	[NASA-CASE-XMF-03793] c15 N71-24833 Method and apparatus for portable high precision
ion1zed layer of gases surrounding spacecraft	magnetomotive bulging, constricting, and
during reentry into planetary atmospheres [NASA-CASE-XLA-01127] c07 N70-41372	joining of large diameter metal tubes
[NASA-CASE-XLA-01127] c07 N70-41372 Venting device for liquid propellant storage	[NASA-CASE-XMF-05114-3] c15 N71-24865 HAGBETIC INDUCTION
tank using magnetic field to separate liquid	Continuous operation, single phased, induction
and gaseous phases [NASA-CASE-XLE-01449] c15 N70-41646	plasma accelerator producing supersonic speeds
Ion engine with magnetic circuit for optimal	[NASA-CASE-XLA-01354] c25 N70-36946 Automatic power supply circuit design for
discharge	driving inductive loads and minimizing power
[NASA-CASE-XLE-01124] c28 N71-14043 Development of wide range linear fluxgate	consumption including solenoid example
, magnetometer	[NASA-CASE-NPO-10716] c09 N71-24892 Double-induction variable speed system for
[NASA-CASE-XGS-01587] c14 N71-15962	constant-frequency electrical power generation
Hagnetic element position sensing device, using misaligned electromagnets	[NASA-CASE-ERC-10065] c09 N71-27364 Bicrowave generator using Gunn effect for
[NASA-CASE-XGS-07514] c23 x71-16099	magnetic tuning
Development of non-magnetic indexing device for orienting magnetic flux sensing instrument in	[NASA-CASE-NPO-12106] c09 N73-15235
magnetic field without generation of	High speed shutter electrically actuated ribbon loop for shuttering optical or fluid
detrimental magnetic fields	passageways
[NASA-CASE-MGS-02422] c15 N71-21529 Negation of magnetic fields produced by thin	[NASA-CASE-ARC-10516-1] c23 N74-21300
waferlike circuit elements in space vehicles	HAGRETIC LENSES Quadrupole mass spectrometer using noise
[NASA-CASE-XGS-03390] c03 N71-23187	spectrum for ion separation and identification
Torquemeter for determining magnitude of torque generated by interaction of magnetic dipole	[NASA-CASE-XNP-04231] c14 N73-32325
between test specimen and ambient magnetic field	HAGHETIC HATERIALS Low density and low wiscosity magnetic
[NASA-CASE-XGS-01013]	propellant for use under zero gravity conditions
. Fluxgate magnetometer for measuring magnetic field along two axes using one sensor	[NASA-CASE-XLE-01512] c12 N70-40124 BAGNETIC HEASUREHENT
[NASA-CASE-GSC-10441-1] c14 N71-27325	Cryogenic flux-gated magnetometer using
Segmented superconducting magnet producing staggered magnetic field and suitable for	superconductors
broadband traveling wave masers	[NASA-CASE-XAC-02407] c14 N69-27423 Development of wide range linear fluxgate
[NASA-CASE-NGS-10518] c16 N71-28554	magnetometer
Hagnetic method for detection of aircraft position relative to runway	[NASA-CASE-IGS-01587] c14 N71-15962
[NASA-CASE-ARC-10179-1] c21 N72-22619	Active RC filter networks and amplifiers for deep space magnetic field measurement
Radial magnetic field for ion thruster	[NASA-CASE-XAC-05462-2] c10 N72-17171
[NASA-CASE-LEM-10770-1] c28 N72-22770 Automatic shunting of ion thrustor magnetic	HAGNETIC POLES
field when thrustor is not operating	Design of magnetohydrodynamic induction machine with end poles which produce compensating
[NASA-CASE-LEH-10835-1] c28 N72-22771	magnetic fields
Pump for cryogenic liquids using magnetocaloric material	[NASA-CASE-XNP-07481] c25 N69-21929 HAGNETIC PUMPING
[NASA-CASE-LEU-11672-1] c15 N73-14479	Hagnetic flux pump for changing intensity of
Apparatus for determining distance to lighting	magnetic fields
strokes from single station by magnetic and electric field sensing antennas	[NASA-CASE-INF-01187] c15 N73-28516 Method for increasing intensity of magnetic
[NASA-CASE-KSC-10698] c07 N73-20175	rield by transferring flux
Superconducting magnetic field trapping device for producing magnetic field in air	[NASA-CASE-XNP-01188] c15 x73-32361
[NASA-CASE-INP-01185] c26 N73-28710	BAGDETIC RECORDING Development of data storage system for storing
Hall effect magnetometer for measuring magnetic	digital data in high density format on
fields	magnetic tape

	r wasa-case-xac-02407 1 c14 W69-27423
[NASA-CASE-XNP-02778] c08 N71-22710	[NASA-CASE-XAC-02407] c14 M69-27423 Flux gate magnetometer with toroidal gating coil
	and solenoidal output coil for signal
coated with thin film of aluminum-floar-silleon	modulation or amplification
alloy [NASA-CASE-GSC-10097-1]	f NA SA-CASE-XGS-01881] C09 N/0-40123
WACEPETO CICNAIS	Development of wide range linear fluxgate
name a reservor evetem which limits signal	magnetometer [NASA-CASE-XGS-01587] c14 N71-15962
recording to signals of sufficient interest	Design and development of optically pumped
[NASA-CASE-XMS-06949]	resonance magnetometer for determining
MAGNETIC STORAGE Nondestructive interrogating and state changing	vectoral components in spatial coordinate system
circuit for binary magnetic storage elements	[NASA-CASE-XGS-04879] c14 N71-20428
ENDOS - CROB - VOC - AB1741 CVO 8/V*34/43	Temperature sensitive magnetometer with pulsating thermally cycled magnetic core
magnetic matrix memory system for hondestructive	f NA SA-CASE-YAC-03740] C14 N71-26135
reading of information contained in matrix	playmate magnetometer for measuring magnetic
Pulse duration control device for driving slow	field along two axes using one sensor
washing loads in selected sequence	[MASA-CASE-GSC-10441-1] c14 H71-27325 Development and characteristics of magnetometer
including switching and delay circuits and	with single Bi2Se3 crystal as sensing element
magnetic storage c10 H71-26418	(NA SA-CASE-LEW-11632-1] C14 N/2-25440
[NASA-CASE-XGS-04224] c10 N71-26418 Redundant memory for enhanced reliability of	Hall effect magnetometer for measuring magnetic
digital data processing system	fields [NA SA_CASE_IRE-11632-21
FNASA-CASR-GSC-105641 CIU 8/1-2/13/	[NASA-CASE-LEW-11632-2] C14 H73-29437
Momentum wheel design for spacecraft attitude	Tuning arrangement for frequency control of
control and magnetic drum and head system for	magnetron-type electron discharge device
data storage [NASA-CASE-NPO-11481] c21 N73-13644	[NASA-CASE-INP-09771] CO9 N71-24841
MACNOPIC SHIPCHING	MAGNETS Magnetic bearing with diverse magnetic sources
Power switch with transfluxor type magnetic core	coupled to same air gap via different low
[NASA-CASE-NPO-10242] c09 N71-24803 Design and development of multistage current	magnetic reluctance paths for use with
steering switch with inductively coupled	permanent magnets
magnetic cores	[NASA-CASE-GSC-11079-1] c21 N71-28461
[NASA-CASE-XNP-08567] c09 N71-26000	MAGNIFICATION Camera adapter design for image magnification
MAGNETIC TAPES	including lens and illuminator
Tape cartridge with high capacity storage of endless-loop magnetic tape	[NASA-CASE-XMF-03844-1] C14 M/1-254/4
rwasa-case-xgs-007691 c14 N70-41647	Passive type, magnifying scratch gage, force
Produces loop tame transport mechanism for	transducer [WASA-CASE-LAR-10496-1] c14 W72-22437
driving and tensioning recording medium in	ENCALAUDE
magnetic tape recorder [NASA-CASE-XGS-01223] c07 N71-10609	Torquemeter for determining magnitude of torque
Development of low friction magnetic recording	generated by interaction of magnetic dipole
tape	between test specimen and ambient magnetic field [NASA-CASE-XGS-01013] c14 N71-23725
[NASA-CASE-XGS-00373] c23 N71-15978	MATHERNAUCE TOO TITLE
System for recording and reproducing PCM data from data stored on magnetic tape	Self testing and repairing computer comprising
FNASA-CASE-XGS-010211 C08 N/1-21042	control and diagnostic unit and rollback
Kinetic and static friction force measurement	points for error correction [NASA-CASE-NPO-10567] COB N71-24633
between magnetic tape and magnetic head surfaces	Development of procedure for repairing
[NASA-CASE-INP-08680] clt N71-22995 Procedure for repairing and recovering voice	fiberglass structures which retains geometry
data from heat damaged magnetic tapes	and strength of original structure
[NASA-CASE-MSC-14219-1] c07 h73-16132	[MASA-CASE-LAR-10416-1] C15 M72-27527 Development of process for bonding resinous body
MAGBETIZATION	in cavities of honeycomb structures
Permanently magnetized ion engine casing construction for use in spacecraft propulsion	[NASA-CASB-HSC-12357] c15 N73-12489
systems	BACT POUT TONS
[NASA-CASE-XNP-06942] C28 N71-23293	Aircraft instrument for indicating malfunctions
MAGNETO-OPTICS	during takeoff [NASA-CASE-XLA-00100] C14 N70-36807
Thermomagnetic recording and magneto-optic playback system having constant intensity	magnoris
laser beam control	Mandrel for shaping solid propellant rocket fuel
[NASA-CASE-NPO-11317-2] c16 N74-13205	into engine casing [NASA-CASE-XLA-00304] C27 N70-34783
HAGNETOHYDRODYNAMIC FLOW	[NASA-CASE-XLA-00304] C27 N70-34783 Rotating, multisided mandrel for fabricating
Improving preformance of magnetoplasmadynamic	gored inflatable spacecraft
arc rocket engine [NASA-CASE-LEW-11180-1] c25 N73-25760	fwasa-case-xla-041431 C15 N/1+1/66/
MAGNETORYDRODYNAMIC GRUBRATORS	Method of making solid propellant rocket motor
Design of magnetohydrodynamic induction machine	having reliable high altitude capabilities, long shelf life, and capable of firing with
with end poles which produce compensating	nozzle closure with foamed plastic permanent
magnetic fields [NASA-CASE-XNP-07481] c25 N69-21929	mandrel
Magnetohydrodynamic generator for mixing	[NASA-CASE-XLA-04126] C28 N71-26779
nonconductive gas and liquid metal mist to	MARIFOLDS Injector manifold assembly for bipropellant
form slugs (NASA-CASE-XLE-02083]	rocket engines providing for fuel propellant
[NASA-CASE-XLE-02063] c03 N69-39983 Thermoelectric power conversion/ by liquid metal	to serve as coolant
flowing through magnetic field	[NASA-CASE-XMF-00148] C28 N70-38770
[NASA-CASE-XNP-00644] c03 N70-36803	MANIPULATORS Manipulator for remote handling in zero gravity
Crossed field MHD plasma generator-accelerator fNASA-CASE-XLA-033741 c25 N71-15562	environment
[NASA-CASE-KLA-03374] c25 N71-15562 MAGHETOHETERS	INASA-CASE-MPS-144051 C15 N72-28495
Nonmagnetic thermal motor for magnetometer	herelopment and characteristics of Variable
povement	ratio, mixed-mode, bilateral master-slave control system for space shuttle remote
[NASA-CASE-XAR-03786]	maninulator SVStem
Cryogenic flux-gated magnetometer using superconductors	[NASA-CASE-MSC-14245-1] c31 N73-30832
	- 444

Remote manipulator system	nozzle closure with foamed plastic permanent
[NASA-CASE-HFS-22022-1] c05 N74-10099	mandrel
Anthropomorphic master/slave manipulator system	[NASA-CASE-XLA-04126] c28 N71-26779
[NASA-CASE-ARC-10756-1]	Shielded flat conductor cable fabricated by
Artificial gravity system for simulating	electroless and electrolytic plating [WASA-CASE-HFS-13687] c09 N71-28691
self-locomotion capability of astronauts in	Production method for manufacturing porous
rotating environments	tungsten bodies from tungsten powder particles
[NASA-CASE-XLA-03127] c11 N71-10776	[NASA-CASE-INP-04339] c17 N71-29137
HARRED ORBITAL ABSEARCH LABORATORIES	Apparatus for manufacturing polyester drive belts
Hanned space station collapsible for launching	[NASA-CASE-NPO-13205-1] c15 N73-31442
and self-erectable in orbit [BASA-CASE-NLA-00678] c31 N70-34296	Improved bonding method in the panufacture of
[MASA-CASE-ILA-00678] c31 N70-34296 Radial module manned space station with	continuous regression rate sensor devices [NASA-CASB-LAB-10337-1] c15 N74-14141
artificial gravity environment	Hethod of making porous conductive supports for
[NASA-CASE-XHS-01906] c31 N70-41373	electrodes by electroforming and stacking
BANUED SPACE FLIGHT	nickel foils
Three-port transfer value with one port open	[NASA-CASE-GSC-11367-1] c03 N74-19692
Continuously suitable for manned space flight	BAPPIEG
[NASA-CASE-XAC-01158] c15 N71-23051 Device for removing air from water for use in	Solid state device for mapping flux and power in
life support systems in manned space flight	Duclear reactor cores [NASA-CASE-ILE-00301] c14 N70-36808
[NASA-CASE-XLA-8914] c15 N73-12492	Design and development of random function tracer
MADERD SPACECRAFT	for obtaining coordinates of points on contour
Manned space capsule configuration for orbital	maps
flight and atmospheric reentry	[NASA-CASE-XLA-01401] c15 x71-21179
[NASA-CASE-KLA-00149]	Spacecraft transponder and ground station radar
Delta winged, nanned reentry vehicle capable of horizontal glide landing at low speeds	system for mapping planetary surfaces
[NASA-CASE-XLA-00241] c31 N70-37986	[NASA-CASE-NPO-11001] c07 N72-21118
Parachute system for lowering manned spacecraft	Orbital and entry tracking accessory for globes
from post-reentry to ocean landing	to provide range requirements for reentry
[NASA-CASE-ELA-00195] c02 E70-38009	wehicles to any landing site
Design and configuration of manned space capsule	[NASA-CASE-LAR-10626-1] c14 N74-21015
[NASA-CASE-KLA-01332] c31 N71-15664 Development of method for producing artificial	HASERS
gravity in manned spacecraft	Segmented superconducting magnet producing
[NASA-CASE-XMP-02595] c31 N71-21881	staggered magnetic field and suitable for broadband traveling wave masers
Chlorine generator for purifying water in life	[NASA-CASE-IGS-10518] c16 N71-28554
support systems of manned spacecraft	Traveling wave maser for operation in 7 to 20
[NASA-CASE-XLA-08913] c14 N71-28933	GHz frequency range
Collapsible couch system for manned space vehicles	[NASA-CASE-NPO-11437] c16 N72-28521
[NASA-CASE-HSC-13140] c05 N72-11085 Spacecraft with artificial gravity and earthlike	Method for producing storage bulb for atomic
atmosphere	hydrogen maser [NASA-CASE-NPO-13050-1]
[NASA-CASE-LEH-11101-1] c31 N73-32750	High temperature bonding of sapphire to sapphire
and deters	by entectic Al203 and ZrO2 mixture to form
Hagnetically centered liquid column float	sapphire rubidium maser cell
[NASA-CASE-XAC-00030] c14 N70-34820	[NASA-CASE-GSC-11577-1] c15 N73-19467
Absolute pressure measuring device for measuring gas density level in high vacuum range	EASKIDG
[NASA-CASE-LAR-10000] c14 N73-30394	Reusable masking boot for chemical machining operations
MANUAL CONTROL	[NASA-CASE-XNP-02092] c15 N70-42033
Hultiple circuit switch apparatus requiring	Composition and process for improving definition
minimum hand and eye movement by operator	of resin masks used in chemical etching
[NASA-CASE-XAC-03777] c10 N71-15909	[NASA-CASE-NGS-04993] c14 N71-17574
Hanual control mechanism for adjusting control rod to null position	HASS
[NASA-CASE-XLA-01808] c15 k71-20740	Apparatus for measuring human body mass in zero or reduced gravity environment
Hanually activated heat pump for mechanically	[NASA-CASE-IES-G3371] c05 N70-42000
converting human operator output into heat	Tuned damped vibration absorber for mass
energy	wibrating in more than one degree of freedom
[NASA-CASE-NPO-10677] c05 N72-11084	for use with wind tunnel models
Development of flight simulator system to show	[NASA-CASE-LAR-10083-1] c15 N71-27006
position of joystick displacement [NASA-CASE-NPO-11497] c08 N73-25206	HASS BALANCE
Solid state controller three axes controller	Two plane balance for simultaneous measurements of pultiple forces
[NASA-CASE-HSC-12394-1] C03 N74-10942	[HASA-CASE-XAC-00073] c14 H70-34813
Nebric 3081 eg	Control system for pressure balance device used
Selective gold diffusion on monolithic silicon	in calibrating pressure gages
chips for switching and nonswitching applifier	[NASA-CASE-XBF-04134] c14 N71-23755
devices and circuits and linear and digital logic circuits	HASS DISTRIBUTION
[NASA-CASE-ERC-10072]	Blectronic recording system for spatial mass
Standard coupling design for mass production	distribution of liquid rocket propellant
[NASA-CASE-XHS-02532] c15 N70-41808	droplets or wapors ejected from high welocity nozzles
Hethod for making screen with unlimited fineness	[NASA-CASE-NPO-10185] c10 N71-26339
of mesh and screen thickness	Controlled distribution of electrophoretic
[NASA-CASE-XLE-00953] c15 N71-15966	samples in flow path through conductive screens
Describing apparatus for manufacturing operations in low and zero gravity	[WASA-CASE-HFS-21395-1] c14 W72-27425
environments of orbital space flight	HOSS PLOT
[NASA-CASE-HFS-20410] C15 N71-19214	Rocket engine injector orifice to accommodate changes in density, velocity, and pressure,
Hannfacture of fluid containers from fused	thereby Daintaining constant mass flow rate of
coated polyester sheets having resealable septum	propellant into rocket conbustion chamber
[NASA-CASE-NPO-10123] c15 N71-24835	[NASA-CASE-XLE-03157]
Hethod of making solid propellant rocket motor	Bass flow meter containing beta source for
having reliable high altitude capabilities, long shelf life, and capable of firing with	neasuring nonpolar liquid flow
Tong Shorr errol and anhance or trrend night	[NASA-CASE-HPS-20485] c14 N72-11365

Generation of high temperature, high mass flow,	Device for measuring thermoelectric properties
and high Reynolds number air at hypersonic	of materials under high pressure
speeds	[NASA-CASE-NPO-11749] c14 N73-28486
[NASA-CASE-LAR-10578-1] c12 N73-25262	MATERIALS TESTS
ASS SPECTROMETERS	Development of equipment for measuring thermal
Analytical photoionization mass spectrometer	shock resistance of thin discs of material
with argon gas filter between light source and	[NASA-CASE-XLE-02024] G14 N71-22964
monochrometer	Multisample test chamber for exposing materials
INASA-CASE-LAR-10180-1] C06 N71-13461	to I rays, temperature change, and gaseous
Design and characteristics of time of flight	conditions and determination of material effects
mass spectrometer to measure or analyze gases	[NASA-CASE-XMS-02930] c11 N71-23042
at low pressures and time of flight of single	Automated ball rebound resilience test equipment
qas molecule	for determining viscoelastic properties of
[NASA-CASE-XNP-01056] c14 N71-23041	polymers '
Ion microprobe mass spectrometer with cooled	[NASA-CASE-XLA-08254] c14 N71-26161
electrode target for analyzing traces of fluids	Hermetic sealing device for ends of tubular
[NASA-CASE-ERC-10014] c14 N71-28863	bodies during materials testing operations
Test chambers with orifice and helium mass	[NASA-CASE-NPO-10431] c15 N71-29132
spectrometer for detecting leak rate of	Development of apparatus for testing burning
encapsulated semiconductor devices	rate and flammability of materials
[NASA-CASE-ERC-10150] C14 N71-28992	[NASA-CASE-XMS-09690] c33 N72-25913
High speed scanner for measuring mass of	Multiaxes vibration device for making vibration
preselected gases at high sampling rate	tests along orthogonal axes of test specimen
[NASA-CASE-LAR-10766-1] c14 N72-21432	[NASA-CASE-MPS-20242] c14 N73-19421
Apparatus for analyzing gas samples in	Material testing system with load sensor for
containers including vacuum chamber, mass	applying and measuring cyclic tensile and
spectrometer, and gas chromatography	compressive loads to test specimens
[NASA-CASE-GSC-10903-1] C14 N73-12444	[NASA-CASE-MFS-20673] c14 N73-20476
Quadrupole mass spectrometer using noise	HATHEHATICAL LOGIC
spectrum for ion separation and identification	Logical function and circuit generator
[NASA-CASE-XNP-04231] c14 N73-32325	[NASA-CASE-XLA-05099] c09 N73-13209
Fames and an arrange	HATRICES (CIRCUITS)
MATERIAL ABSORPTION	Fabrication methods for matrices of solar cell
Describing sorption vacuum trap having housing	submodules
with group of reentrant wall portions	[NASA-CASE-XNP-05821] c03 N71-11056
projecting into internal gas-pervious	Magnetic matrix memory system for mondestructive
container filled with gas and vapor sorbent	reading of information contained in matrix
materia1 [NASA-CASE-XER-09519]	[NASA-CASE-XMF-05835] CO8 N71-12504
Fames ,	Conductor for connecting parallel cells into
MATERIALS HANDLING	submodules in series to form solar cell matrix
Two component valve assembly for cryogenic	[NASA-CASE-NPO-10821] c03 N71-19545
liquid transfer regulation	The state of the s
[NASA-CASE-XLE-00397] c15 N70-36492	Reliable magnetic core circuit apparatus with
Catalyst bed element removing tool	application in selection matrices for digital
[NASA-CASE-XPR-00811] c15 N70-36901	Demories
Air bearings for near frictionless transfer of	[NASA-CASE-XNP-01318]. c10 N71-23033
loads from one body to another	Serial digital decoder design with square
[NASA-CASE-XMF-01887] c15 N71-10617	circuit matrix and serial memory storage units
Quick-release coupling for fueling rocket	[NASA-CASE-NPO-10150] c08 N71-24650
vehicles with cryogenic propellants	Electrically connected matrix of discrete solar
[NASA-CASE-XKS-01985] C15 N71-10782	cell blanks
Method and apparatus for removing plastic	[NASA-CASE-NPO-10591] c03 N72-22041
insulation from wire using cryogenic equipment	HCLEOD GAGES
[NASA-CASE-MFS-10340] c15 N71-17628	Automatic recording McLeod gage with three
Fluid transferring system design for purging	electrodes and solenoid valve connection
toxic, corrosive, or noxious fluids and fumes	[NASA-CASE-XLE-03280] c14 N71-23093
from materials handling equipment for	MRASURING INSTRUMENTS
cleansing and accident prevention	Capacitance measuring device for determining
[NASA-CASE-XMS-01905] c12 N71-21089	flare accuracy on tapered tubes
Description of method for making homogeneous	[NASA-CASE-XKS-03495] c14 N69-39785
foamed materials in weightless environment	Characteristics and performance of electrical
using materials having different physical	system to determine angular rotation
properties	[NASA-CASE-XMF-00447] c14 N70-33179
[NASA-CASE-XMF-09902] c15 N72-11387	Two plane balance for simultaneous measurements
Design and characteristics of mechanically	of multiple forces
extended and telescoping boom on crane assembly	[NASA-CASE-XAC-00073] C14 N70-34813
[NASA-CASE-NPO-11118] c03 N72-25021	Parallel motion suspension device for measuring
Air lock mechanism for inserting and removing	instruments
specimens from vacuum furnace	[NASA-CASE-XNP-01567] c15 N70-41310
[NASA-CASE-LAR-10841-1] c15 N73-12494	Methòd and apparatus for measuring potentials in
Design and development of device to prevent	plasmas
clogging in hoppers containing particulate	[NASA-CASE-XLE-00821] c25 N71-15650
materials	Transducer for measuring deflections from
[NASA-CASE-LAR-10961-1] c15 N73-12496	wibrating structures
Development of ultrasonic radiation equipment	[NASA-CASE-XLA-03135] C32 N71-16428
for removing material from host surface and	Gage for quality control of sealing surfaces of
vacuum apparatus for recovery of material	threaded boss
[NASA-CASE-NPO-11213] c15 N73-20514	[NASA-CASE-XMF-04966] c14 N71-17658
Development and characteristics of system for	Equipment for measuring partial water wapor
skin packaging articles using thermoplastic	pressure in gas tank
film heating and vacuum operated equipment	[NASA-CASE-XMS-01618] c14 N71-20741
[NASA-CASE-MFS-20855] c15 N73-27405	Gauge for measuring quantity of liquid in
MATERIALS RECOVERY	spherical tank in reduced gravity
System for recovering oxygen and/or water from	[NASA-CASE-XMS-06236] c14 N71-21007
extraterrestrial soil and iron oxide materials	Nonreuseable energy absorbing device comprising
[NASA-CASE-MSC-12332-1] c15 N72-15476	ring member with plurality of recesses,
MATERIALS SCIENCE	cutting members, and guide member mounted in
Flammability test chamber for testing materials	each recess
in certain predetermined environments	[NASA-CASE-XMP-10040'] c15 N71-22877
[NASA-CASE-KSC-10126] c11 N71-24985	
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Ablation sensor for measuring surface ablation	Radio fre
rate of material on vehicles entering earths	instruc
atmosphere on entry into planetary atmospheres	[NASA-C
[NASA-CASE-XLA-01791] c14 N71-22991 Test fixture for measuring moment of inertia of	Absolute
irregularly shaped body with multiple axes	gas den [NASA-C
L NASA-CASE-XGS-01023] c14 N71-22992	Thin film
Electron beam deflection devices for measuring	techniq
electric fields [NASA-CASE-XMF-10289] c14 N71-23699	[NASA-C
LMADA-CASE-XMP-10289] c14 N71-23699 Device for measuring two orthogonal components	A meter f having
of force with gallium flotation of measuring	[NASA-C
target for use in vacuum environments	Three-axi
[NASA-CASE-XAC-04885] c14 N71-23790	[NASA-C
Gage for measuring internal angle of flare on end of tube	HBCHANICAL D Mechanica
[NASA-CASE-XMF-04415] c14 N71-24693	spacecr
Device utilizing RC rate generators for	[NASA-C
continuous slow speed measurement	Load cell
[NASA-CASE-XMF-02966] c10 N71-24863 Solid state force measuring electromechanical	breakaw
transducers made of piezoresistive materials	[NASA-C Design an
[NASA-CASE-BRC-10088] c26 N71-25490	[NASA-C
Design and development of layout tool for	Developme
machine shop use to locate point in precise	device
reference to straight or bowed reference edge [NASA-CASE-FRC-10005] c15 N71-26145	[NASA-C
Volume displacement transducer for leak	Design, d latchin
detection in hermetically sealed semiconductor	access
devices	[NA SA-C
[NASA-CASE-ERC-10033] c14 H71-26672	Design of
Deformation measuring apparatus with feedback control for arbitrarily shaped structures	test tu
[NASA-CASE-LAR-10098] c32 N71-26681	[NASA-C Design an
Foam insulation thickness measuring and	for obt
injection device for spacecraft applications	maps
[NASA-CASE-MFS-20261] c14 N71-27005 Resonant infrasonic gauging device for measuring	[NASA-C
liquid quantity in closed bladderless reservoir	Design an caniste
[NASA-CASE-MSC-11847-1] c14 N72-11363	[NASA-C
Measuring roll alignment of test body with	Developme
respect to reference body	orienti
[NASA-CASE-GSC-10514-1] c14 N72-20379 Sensor for detecting and measuring energy,	magneti detrime
velocity and direction of travel of a cosmic	[NASA-C
dust particle	Design an
[NASA-CASE-GSC-10503-1] C14 N72-20381	device .
Pumping and metering dual piston system and monitor for reaction chamber constituents	Constru
[NASA-CASE-GSC-10218-1] C15 N72-21465	[NASA-C. Hand cont:
Capacitive tank gaging device for monitoring one	respect
constituent of two phase fluid by sensing	actuati
dielectric constant [NASA-CASE-MFS-21629] . c14 M72-22442	control
[NASA-CASE-NFS-21629] c14 N72-22442 Development of mechanical device for measuring	. [NASA-C. Metal all
distance of point within sphere from surface	applica
of sphere	[NASA-C.
[NASA-CASE-XLA-06683] C14 N72-28436	Mechanica
Surface based altitude measuring system for accurately measuring altitude of airborne	Changes
vehicle	[NASA-C. Design and
[NASA-CASE-ERC-10412-1] c09 N73-12211	anount
Instrument for measuring magnitude and direction	imposed
of flow velocity in flow field [NASA-CASE-LAR-10855-1] c14 N73-13415	[NASA-C
Device for recording locations of measurements	Design and Spacecra
made by hand-held noncontacting probe	veights
[NASA-CASE-LAR-10806-1] c14 N73-15474	[NASA-C
Multiaxes vibration device for making vibration	Apparatus
tests along orthogonal axes of test specimen [NASA-CASE-BFS-20242] c14 N73-19421	metal po
Haterial testing system with load sensor for	[NASA-Ci Self lubri
applying and measuring cyclic tensile and	parts ha
compressive loads to test specimens	contact
[NASA-CASE-MFS-20673] c14 N73-20476	[NASA-CI
Development of droplet monitoring probe for use in analysis of droplet propagation in	Design and machine
mixed-phase fluid stream	reference
[NASA-CASE-NPO-10985] c14 N73-20478	(NASA-CA
Remotely controlled device for detection of mass	Design and
changes in selected specimens [NASA-CASE-MF5-21556-1] c14 N73-20487	on bimet
Device for measuring tensile forces applied to	[NASA-CI Characteri
tension members	impartin
[NASA-CASE-MFS-21728-1] c14 N73-25467	shaft
Device for measuring thermoelectric properties	(NASA-CI
of materials under high pressure [NASA-CASE-NPO-11749] c14 %73-28486	Developme: distance
[arpeance.

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quency source resistance measuring
        ents of varied design
        ASE-NPO-11291-1]
                                        c14 N73-30388
        pressure heasuring device for measuring
sity level in high vacuum range
ASE-LAR-10000] c14 N73-30394
                                       c14 N73-30394
         analyzer utilizing holographic
        ASE-MFS-20823-17
                                       c16 N73-30476
        or use in detecting tension in straps
        predetermined elastic characteristics
        ASE-MPS-22189-1] c14
s adjustable loading structure
                                      C14 N74-10421
        ASE-FRC-10051-1]
                                       c14 N74-13129
        BVICES
        1 coordinate converter for use with
        raft tracking antennas
CASE-XNP-00614]
                                       c14 N70-36907
         protection device using spring~loaded
        ay mechanism
        ASE-XMS-06782]
        d development of satellite despin device
        ASE-XMF-08523]
                                       c31 N71-20396
        ent of two force component measuring
        ASE-XAC-04886-1]
        levelopment, and characteristics of
        g mechanism for operation in limited
        areas
        ASE-XMS-03745]
                                       c15 N71-21076
         mechanical device for stirring several
        bes simultaneously
        ASE-XAC-06956]
                                       c15 N71-21177
        d development of random function tracer
        aining coordinates of points on contour
        ASE-XLA-01401]
                                       c15 N71-21179
        d characteristics of device for closing
ers under high vacuum conditions
        ASE-XLA-01446]
                                      c15 N71-21528
        nt of non-magnetic indexing device for
        ng magnetic flux sensing instrument in
        c field without generation of
        ntal magnetic fields
        ASB-XGS-02422] c15 N71-215:
d development of module joint clamping
for application to solar array
                                       c15 x71-21529
        ASE-XNP-02341]
                                       c15 N71-21531
        roller operable about three
        ively perpendicular axes and capable of
        ng signal generators for attitude
         devices
        ASE-XMS-07487]
                                       c15 N71-23255
        oy bearing materials for space
        ASE-XLE-05033]
                                       c15 N71-23810
        l actuator wherein linear motion
         to rotational motion
        ASE-XGS-04548]
        d characteristics of device for showing
        of cable payed out from winch and load
        ASE-MSC-12052-1]
                                       c15 N71-24599
        d development of release mechanism for
        aft components, releasable despin
         and extensible gravity booms
        ASB-XGS-08718]
                                      c15 N71~24600
        for mechanically dispersing ultrafine ouders subjected to shock waves
        ASE-XLE-04946]
                                       c17 N71-24911
        icating gears and other mechanical
        aving surface adapted to frictional
        ASE-BPS-14971]
                                       c15 N71-24984
        d development of layout tool for
shop use to locate point in precise
ce to straight or bowed reference edge
        ASE-PRC-10005]
                                      c15 N71-26145
        d development of linear actuator based
        tallic spring expansion
ASE-NPO-10637]
        istics of lightweight actuator for
        ng linear motion using elongated output
        ASB-NPO-11222]
                                       c15 N72-25456
       ent of mechanical device for measuring
distance of point within sphere from surface
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of sphere

[NASA-CASE-XLA-06683] c14 N72-28436	MECHANICAL ENGINEERING Manual actuator for spacecraft exercising
	machines
which maintains uniform length with changes in	[NASA-CASE-MFS-21481-1] c15 N74-18127
temperature 45 NGC 20106	muchanteal Mrasurement
cut as _csco_mpc_504231 C13 472-20430	Air brake device for absorbing and measuring
novelopment of mating flat Surfaces to Innibit	nower from rotating shafts
leakage of fluid around sharts	rwasa-case-x1e-007201 c14 n/0*40201
[NASA-CASE-XLE-10326-2] c15 N72-29488	Water cooled gage for strain measurements in
Development of solar energy powered heliotrope	high temperature environments
assembly to orient solar array toward sun	INASA-CASE-XNP-092051 C14 4/1-1/00/
[NASA-CASE-GSC-10945-1] c21 N72-31637 Design and construction of mechanical probe for	Development of apparatus for measuring
determining if object is properly secured	successive increments of strain on elastomers
[NASA-CASE-MFS-20760] c14 N72-33377	[NASA-CASE-XMF-04680] c15 N71-19489
Development and characteristics of rotary	Development of Hall effect transducer for
not not or for nee on spaceciall to depicy and	converting mechanical shaft rotations into
support pivotal structures such as solar panels	proportional electrical signals
FNACK_CACR=NPO=106801 C31 N/3-14033	(NASA-CASE-LAR-10620-1) COS N/2-25255
Automatic inoculating device for agar trays	Development of strain gage mounting assembly for
using cotton swab of loop	amplifying measurable deformation applied to
rwasa_case_lab_11074-11 cos N/3-16096	strain gage
callangible support for antenna reflector	, NEST-RESIDENCE
annlied to installation of Spacecraft autennas	MECHANICAL PROPERTIES Test apparatus for determining mechanical
FN3CA_CACR=NPO-117511 CU/ N/3-241/0	properties of refractory materials at high
negelonment of mechanical linkage for litting	temperatures in vacuum or inert atmospheres
nin-enphorted electronic packages IIOM	[NASA-CASE-XLE-00335] c14 N70-35368
electronic circuit boards without damage to	Electric resistance spot welding and brazing for
connector pins	producing metal bonds with superior mechanical
rwaca_cae#=NDO=13157=11 C15 N/3=204/2	and structural characteristics
Pneumatic foot pedal operated fluidic exercising	[NASA-CASE-LAR-11072-1] c15 N73-20535
device	MPCHANTCS (PHYSICS)
[NASA-CASE-MSC-11561-1] c05 N73-32014	povering type flying wehicle design and
Mechanical exposure interlock device for	nrinciple mechanisms for manned or unmanded use
preventing film overexposure in oscilloscope	[NASA-CASE-MSC-12111-1] G02 N71-11039
camera f NASA-CASE-TAR-10319-13	MEDICAL REPORTES
	Thitial eyetole and dicrotic NotCh detecting
Drilled ball bearing with a one piece	circuitry for monitoring arterial pressure pulse
anti-tipping cage assembly	[NASA-CASE-LEW-11581-1] c05 N73-18139
[HASE-CARD ID# 11325 1]	MEDICAL EQUIPMENT
Reefing system [NASA-CASE-LAR-10129-2] c15 N74-20063	Electromedical garment, applying
TREBUTCAT TRIPPS	vectorcardiologic type electrodes to human
Hydraulic drive mechanism for leveling isolation	torsos for data recording during physical
platforms	activity rwss_cise_yer=108561
nasa-case-yms-032521 c15 N71-10656	[NASA-CASE-XFR-10856] C05 N/1-11189 Respiration analyzing method and apparatus for
Antibacklash circuit for hydraulic drive system	determining subjects oxygen consumption in
INASA-CASE-XNP-01020] CU3 M/1-12200	determining subjects origen consumption ==
precision stepping drive device using can disk	aerospace environments [NASA-CASB-XFR-08403]
rnasa-case-MFS-14772] C15 M/1-1/092	Laser machining device with dielectric
Incremental motion drive system applied to	functioning as beam waveguide for mechanical
interferometer components	and medical applications
[NASA-CASE-XNP-08897] c15 N71-17694	r wasa-case-how-10541-2] C15 M/1-2/133
Ratchet mechanism for high speed operation at	Zero power telemetry actuated switch for
reduced backlash 	hiomedical equipment
[NASA-CASE-HFS-12805] C15 N/1-1/805 Development of apparatus for automatically	(Na Sa - CASE - ARC - 10105] CO9 N/2-1/133
changing carriage speed of welding machine to	Automatic system for measuring and monitoring
obtain constant speed of torch along work	systolic and diastolic blood pressure in humans
surface	[NASA-CASE-MSC-13999-1] c05 N72-25142
[NASA-CASE-XMF-07069] c15 N71-23815	Multichannel medical monitoring system to
Drive system for parabolic tracking antenna with	measure physiological parameters from display
reversible notion and minimal backlash	device at remote control station
FNASA=CASE=NPO=101731 C15 N71=24696	[NASA-CASE-MSC-14180-1] C05 N73-22045 Tilting table for testing human body in variety
Synchronous dc direct-drive system comprising	of positions while exercising on ergometer or
multiple-loop hybrid control system	of positions while exercising of ergometer of other biomedical devices
controlling load directly connected to actuator	[NASA-CASE-MFS-21010-1] c05 N73-30078
[NASA-CASE-GSC-10065-1] c10 N71-27136	Automatic device for assaying urine on bacterial
Energy absorption device in high precision gear	adenosine triphosphate content
train for protection against damage to	F NA SA _ CASE = GSC = 11169 = 21 CUD N/3 = 320 1
components caused by stop loads [NASA-CASE-YNP-01848] c15 N71-28959	in improved heat sterilizable patient ventilator
	[NASA_CASE=NPO=13313=1] CUD N/4C1/000
Automatic controlled drive mechanism for	Servo-controlled intravital microscope system
portable boring bar rnasa-case-yra-036611 c15 n71-33518	[NASA-CASE-NPO-13214-1] c14 N74-19093
[NASA-CASE-ILA-03661] c15 N71-33518 Two speed drive system for driving vehicle wheel	WOMODING COURTERS
[NASA-CASE-NTS-20645] C15 N72-20463	Liquid junction for glass electrode or pH meters
Rotary actuator for use in environments with no	r wasa = case= wpn=106821 C13 w/0=34022
rolling and sliding friction	punulsion and measuring device for determining
[NASA-CASE-NPO-10244] C15 N72-263/1	quantity of liquid in tank under conditions of
nevelopment and characteristics of rotary	veightlessness
actuator for use on spacecraft to deploy and	[NASA-CASE-XMS-01546] C14 N70-40233
support pivotal structures such as solar panels	flexible composite membrane structure impervious
[NASA-CASE-NPO-10680] C31 N/3-14833	to extremely reactive chemicals in rocket
nevelopment and characteristics of concentric	propellants (NaSA-CASE-XNP-088371 c18 N71-16210
output differential gearing system	Planible barrier membrane comprising porous
rnasa-case-arc-10462-11 c15 N73-29459	substrate and incorporating liquid gallium or
optically actuated two position mechanical mover	IOI ZIBITIBO INSLADE 28 hapu letan muisa:
[NASA-CASE-NPO-13105-1] c15 N74-21060	spacecraft walls and pumping liquid propellants
	Shannaras areas and Latinas are

[NASA-CASE-XNP-08881] c17 N71-28747	[NASA-CASE-HFS-07369] c15 N71-20443
APParatus for measuring polymer membrane	Metal soldering with bydrazine monoperfluoro
expansion in electrochemical cells	alkanoate for corrosion resistant coatings [NASA-CASE-XNP-03459] c15 N71-21078
[NASA-CASE-XGS-03865] c14 N69-21363	
Separation cell with permeable membranes for fluid mixture component separation	aluminum with metal phosphate surface coatings to improve chemical bonding and reduce coating
[NASA-CASE-XHS-02952] c18 N71-20742	weight
Hater insoluble, cationic permselective membrane [NASA-CASE-NPO-11091] c18 N72-22567	[NASA-CASE-XLA-01995] c18 N71-23047
ABHORY	Organometallic compounds of niobium and tantalum useful for film deposition
Ferrite memory arrays from pre-formed metal	[NASA-CASE-XNP-04023] c06 N71-28808
conductors [NASA-CASE-LAR-10994-1] c18 N73-30536	Silicide coating process and composition for protection of refractory metals from oxidation
BEBCURY (HETAL)	[NASA-CASE-XLE-10910] c18 N71-29040
Interrupter switching device utilizing electrodes and mercury filled capillary tubes	Selective nickel deposition on irradiation
in which current flow vaporizes mercury as	sensitive compounds [NASA-CASE-LEH-10965-1] c15 N72-25452
circuit breaker	Intermetallic coating for nickel based superalloy
[NASA-CASE-XNP-02251] c12 N71-20896 Hethod of forming ceramic to metal seals	[NASA-CASE-LEH-11348-1] c17 N72-25517 Development and characteristics of device for
impervious to gaseous and liquid mercury at	applying multiple layers of noble metal to
high temperature [NASA-CASE-XNP-01263-2] c15 N71-26312	glass substrate for protection of optical surfaces
Development of system for delivering vaporized	[NASA-CASE-LAR-10362-1] c15 N72-27486
mercury to electron bombardment ion engine	Metallic alloy and aluminide coating for
[NASA-CASE-NEO-10737] c28 N72-11709 HERCORY VAPOR	metallic base system [NASA-CASE-LEW-11696-1] c15 N73-10502
Interrupter switching device utilizing	Silicon carbide backward diode with coated lead
electrodes and mercury filled capillary tubes in which current flow vaporizes mercury as	attachment [NASA-CASE-ERC-10224-2]
circuit breaker	Ultraviolet light reflective coating
[NASA-CASE-XNP-02251] c12 N71-20896	[NASA-CASE-GSC-11786-1] c18 N74-10542
Liquid-wapor interface seal design for turbine rotating shafts including helical and	A panel for selectively absorbing solar thermal energy and the method for manufacturing the
molecular pumps and liquid cooling of mercury	panel
Vapor [NASA-CASE-XNP-02862-1] c15 N71-26294	[NASA-CASE-MFS-22562-1] c03 N74-19700 BETAL CUTTING
HETABOLISH	Metal shearing energy absorber
Automated system for monitoring oxidative	[NASA-CASE-RQN-10638-1] c15 N73-30460
netabolites of aromatic amines [NASA-CASE-ARC-10469-1]	Vee-notching device with adjustable carriage [NASA-CASE-MFS-20730-1] c14 N74-13131
HETAL BONDING	HETAL PILES
Bonding method for improving contact between lead telluride thermoelectric elements and	<pre>Means and methods of depositing thin films on substrates</pre>
tungsten electrodes	[NASA-CASE-XNP-00595] c15 N70-34967
[NASA-CASE-XGS-04554] c15 N69-39786 Plasma spraying gun for forming diffusion bonded	Metallic film diffusion into metal or ceramic
metal or ceramic coatings on substrates	surfaces for boundary lubrication in aerospace environments
[NASA-CASE-XLE-01604-2] c15 N71-15610	[NASA-CASE-XLE-01765] c18 N71-10772
Describing metal valve pintle with encapsulated elastomeric body	Bismuth and lead surface coatings for gas bearings in aerospace engineering
[NASA-CASE-MSC-12116-1] c15 N71-17648	[NASA-CASE-XGS-02011] c15 N71-20739
Apparatus for determining quality of bond between high density material and low density	Metallic film diffusion for boundary lubrication in aerospace engineering
material	[NASA-CASE-XLE-10337] c15 H71-24046
[NASA-CASE-MFS-13686] c15 N71-18132 Metal soldering with hydrazine monoperfluoro	Magnetic recording head composed of ferrite core
alkanoate for corrosion resistant coatings	coated with thin film of aluminum-iron-silicon alloy
[NASA-CASE-XNP-03459] c15 N71-21078	[NASA-CASE-GSC-10097-1] c08 N71-27210
Leak resistant bonded elastomeric seal for secondary electrochemical cells	Thin absorbing metallic film for increased visible light transmission
[NASA-CASE-XGS-02631] c03 N71-23006	[NASA-CASE-LAR-10836-1] c26 N72-27784
Metal pattern bonding technique for cover glass attachment to silicon solar cells for space	Development of technique and apparatus for optically detonating insensitive high explosives
applications	[NASA-CASE-NPO-11743-1] c33 N73-29959
[NASA-CASE-RLE-08569] c03 N71-23449 Development of electrical system for indicating	Deposition of alloy films on irregulary
optimum contact between electrode and metal	shaped metal object [NASA-CASE-LEH-11262-1]
surface to permit improved soldering operation	HETAL PINISHING
[NASA-CASE-KSC-10242] c15 N72-23497 Development of process for bonding resinous body	Selective plating of etched circuits without removing previous plating
in cavities of honeycomb structures	[NASA-CASE-XGS-03120] c15 N71-24047
[NASA-CASE-MSC-12357] c15 N73-12489 Electric resistance spot welding and brazing for	Refractory porcelain enamel passive thermal
producing metal bonds with superior mechanical	control coating for high temperature alloys [NASA-CASE-MF5-22324-1] c18 N73-21471
and structural characteristics [NASA-CASE-LAR-11072-1] c15 N73-20535	HETAL FOILS
Bitrasonically bonded valve assembly	Characteristics of device for folding thin flexible sheets into compact configuration
[NASA-CASE-NPO-13360-1] c15 N74-20073	[NASA-CASE-XLA-00137] c15 N70-33180
Totally confined explosive welding apparatus to reduce noise level and protect personnel	Passive thermal control coating on aluminum foil laminate for inflatable spacecraft surfaces
during explosive bonding	[WASA-CASE-XLA-01291]
[NASA-CASE-LAR-10941-1] c15 N74-21057	Development and characteristics of thermal
Joining aluminum to stainless steel by bonding	radiation shielding of refractory metal foil used for induction furnace
aluminum coatings onto titanium coated	[NASA-CASE-XLE-03432] c33 N71-24145
stainless steel and brazing aluminum to aluminum/titanium coated steel	Method of making porous conductive supports for electrodes by electroforming and stacking
	T-105

ri-hal fails	Apparatus for mechanically dispersing ultrafine
nickel foils [NASA-CASE-GSC-11367-1] c03 N74-19692	metal powders subjected to shock waves [NASA-CASE-XLE-04946] c17 N71-24911
MAD TURE	Method to produce high purity copper fluoride by
Chemical synthesis of thermally stable organometallic polymers with divalent metal	heating copper hydroxyfluoride powder and
ion and tetraphenylphosphonitrilic units	subjecting to flowing fluorine gas [NASA-CASE-LEW-10794-1] c06 N72-17093
[NASA-CASE-HQN-10364] C06 N/1-2/303	producing metal powders of controlled particle
HETAL JOINTS Leakproof soft metal seal for use in very high	size by reducing oxide using reactive metal
vacuum systems operating at cryogenic	vapor in vacuum rnasa+CasE-XLE+064611
temperatures	[NASA-CASE-XLE-06461] C17 N/2-22530 Development of apparatus for producing metal
[NASA-CASE-XGS-02441] c15 N70-41629	powder particles of controlled size
HETAL MATRIX COMPOSITES High strength reinforced metallic composites for	(NASA-CASE-XLE-06461-2) c17 N72-28535
applications over wide temperature range	Metal plating process employing spraying of metallic power/peening particle mixture
[NASA-CASE-XLE-02428] c17 N70-33288 Process for producing dispersion strengthened	[NASA-CASE-GSC-11163-1] c15 N73-32360
nickal with aluminum comprising metallic	METAL SHEETS
matrices embedded with oxides or other	Patigue testing apparatus with light shield and infrared reflector for high temperature
hyperfine compounds two careexists of the compounds two careexists of the compounds two careexists of the careexists of	evaluation of loaded sheet samples
colf lubricating gears and other mechanical	' [NASA-CASE-KLA-01782] G14 N/1-26136
parts having surface adapted to frictional	Processes for making metal sheets or plaques with parallel pores of uniform size
contact [Nasa-Case-MFS-14971]	[NASA-CASE-GSC-10984-1] C15 N/1-3442/
nevelonment of procedure for improved	Explosive welding of thin metal scarf joint
aighribution of retractory compounds and	[NASA-CASE-LAR-11211-1] c15 N73-14480 Method of making pressure tight seal for super
micro-constituents in refractory metal matrix	alloy
MEMBER OF THE SENT CONDICTORS	[NASA-CASE-LAR-10170-1] c15 N74-11301
Gyrator circuit using MOS field effect transistors	METAL SPINNING Apparatus and method for spin forming tubular
[NASA-CASE-MFS-21433] c09 N73-20232 Boron radiation hardening for stabilizing gate	elbows with high strength, uniform thickness,
threshold potential of MOS devices	and close tolerances
$r_{NASA} = c_{ASE} = GSC = 11425 = 2.1$ $CO9 N / 3 = 32114$	[NASA-CASE-XMF-01083] c15 N71-22723
Radiation hardening of MOS devices by boron	METAL STRIPS Netal ribbon wrapped outer wall for
for stabilizing gate threshold potential of field effect device	regeneratively cooled combustion chamber
[NASA-CASE-GSC-11425-1] C24 N74-20329	[NASA-CASE-XLZ-00164] c15 N70-36411 metal strip mounting arrangement for solar cell
ADVEL OF THE	arravs on spacecraft
Process for producing dispersion strengthened nickel with aluminum comprising metallic	f NASA-CASE-XGS-014751 CO3 N71-11058
matrices embedded with oxides or other	Porming tubes from long thin flat metal strips
hyperfine compounds	High speed shutter electrically actuated
[NASA-CASE-XLE-06969] c17 N71-24142 Photofabrication techniques for selective	ribbon loop for shuttering optical or fluid
removal of conductive metals oxide coatings	passageways [wasa-case-arc-10516-1]
from monconductive substrates	[NASA-CASE-ARC-10516-1] C23 N74+21300 METAL SURFACES
[NASA-CASE-ERC-10108] CO6 N72-21094 Producing metal powders of controlled particle	Condenser-separator for dehumidifying air
size by reducing oxide using reactive metal	utilizing sintered metal surface
vapor in vacuum	[WASA-CASE-XLA-08645] C15 M69-21465 Wickel plating onto etched aluminum castings
[NASA-CASE-XLE-06461] C17 N/2-22530 Method for Obtaining oxygen from lunar or	[Naga=Cage=YNP=04148] CI/N/I=Z403V
similar soil	High thermal emittance black surface coatings and process for applying to metal and metal
[NASA-CASE-MSC-12408-1] c13 N74-13011	alloy surfaces used in radiative cooling of
Magnetohydrodynamic generator for mixing	spacecraft
nonconductive gas and liquid metal mist to	[NASA-CASE-KLA-06199] c15 N71-24075
form slugs	Method for treating metal surfaces to prevent secondary electron transmission
[NASA-CASE-XLE-02083] CO3 Nb9-39983 Elastomer loaded with metal particles for	r nasa-case-xnp-09469]
elastic biomedical electrodes	method of forming ceramic to metal seals
INASA-CASE-ARC-10268-11 C09 N70-12620	impervious to gaseous and liquid mercury at high temperature
Cermet for nuclear fuel constructed by pressing metal coated ceramic particles in die at	$r_{NXSA-CXSR-XNP+01263-21}$ c15 N71-26312
temperature to cause bonding of metal	anodizing method for providing metal surfaces.
coatings, and tested for thermal stability	with temperature reducing coatings against
[NASA-CASE-LEW-10219-1] C18 N71-28/29	flames [NASA-CASE-XLE-00035] c33 N71-29151
BETAL PLATES Development of large area micrometeoroid impact	MRTAL VAPORS
detector panels	Magnetohydrodynamic generator for mixing
[NASA-CASE-XLA-05906]	nonconductive gas and liquid metal mist to form slugs
Tungsten-coated tungsten-uranium dioxide nuclear fuel plates	(NASA-CASE-XIR-02083] c03 N69-39983
r Nasa - case - xt. E - 00 209 7	Apparatus for producing hydrocarbon slurry
Strain arrestor plate bonding rigid thermal	containing small particles of magnesium for use as jet aircraft fuel
insulation tiles to metallic plates or structural parts	[NASA-CASE-XLE-00010] c15 N70-33382
[NASA-CASE-MSC-14182-1] c18 N74-15213	Inert gas metallic vapor laser
MRTAL POUDE	[HEDE AND WITH THE PARTY OF TH
Production of refractory bodies with controlled porosity by pressing and heating mixtures of	METAL WORKING Controlled arc spot welding method
refractory and inert metal powders	INASA-CASE-XMF-00392] C15 N70-34834
f NASA-CASE-LEW-10393-11	Method and apparatus for shaping and joining large diameter metal tubes using magnetomotive
Electrode sealing and insulation for fuel cells containing caustic liquid electrolytes using	forces
powdered plastic and metal	[NASA-CASE-XMF-05114] c15 N71-17650
[NASA-CASE-IMS-01625] c15 N71-23022	T_106

Description of protective device for providing	[NASA-CASE-XNP-02507] c31 N71-17679
Sale operating conditions around work niece in	Development of composite structures for
machine or metal working tool	spacecraft to serve as anti-meteoroid device
[NASA-CASE-YLE-01092] c15 N71-22797	[NASA-CASE-LAR-10788-1] c31 N73-20860
Description of portable milling tool for milling tube or pipe ends to desired shape and thickness	HETEOROIDS
LMASA-CASE-XMF-035111 c15 x7-1-22799	Cameras for photographing meteors in selected sky area
Development and characteristics of	[NASA-CASE-LAR-10226-1] c14 N73-19419
rusto-conical die nib for extrusion of	HETEOROLOGICAL BALLOONS
refractory metals	Aerodynamically stable meteorological balloon
[NASA-CASE-XLE-06773] c15 N71-23817 Portable magnetomotive hammer for metal working	using surface roughness effect
[NASA-CASE-XMF-03793] c15 N71-24833	[NASA-CASE-XHF-04163]
method and apparatus for portable high precision	Bigh temperature gas lubricant consisting of two
magnetomotive bulging, constricting, and	fluoro-bromo-methanes
Joining of large diameter metal tubes	[NASA-CASE-XLE-00353] - c18 N70-39897
[NASA-CASE-XMF-05114-3] c15 N71-24865 HETAL-HETAL BONDING	SICHELSON INTERPEROBETERS
Joining aluminum to stainless steel by bonding	Michelson interferometer with photodetector for
aluminum coatings onto titanium coated	optical direction sensing [NASA-CASE-NPO-10320] c14 N71-17655
stainless steel and brazing aluminum to	Servo system for retroreflector of Michelson
aluminum/titanium coated steel	interferometer
[NASA-CASE-MFS-07369] c15 N71-20443 Method for honeycomb panel bonding by	[NASA-CASE-NPO-10300] c14 N71-17662
thermosetting film adhesive with electrical	Computerized optical system for producing
heat means	multiple images of a scene simultaneously [NASA-CASE-MSC-12404-1] c23 N73-13661
[NASA-CASE-XMF-01402] c18 N71-21651	HICROBALANCES
HETALLOGRAPHY	Null-type vacuum microbalance for measuring
Development of method for etching copper [NASA-CASE-XGS-06306] c17 N71-16044	minute mechanical displacements
HETALICSILOXANE POLYHER	[NASA-CASE-XAC-00472] c15 N70-40180
Thiophenyl ether disiloxanes and trisiloxanes	BICROBIOLOGY Development of variable angle device for
useful as lubricant fluids	positioning test tubes to permit optimum
[NASA-CASE-MFS-22411-1] c15 N74-21058	drying of culture medium
Industrian hosting of motollumging and annual annua	[NASA-CASE-LAR-10507-1] c11 N72-25284
Induction heating of metallurgical specimens to high temperatures in coil furnace	Automatic swabbing apparatus for sampling of
[NASA-CASE-XLE-04026] c14 N71-23267	microbiological surfaces [NASA-CASE-LAR-11069-1] c04 N73-16061
BRTALS	Automatic inoculating device for agar trays
Transpiration cooled turbine blade made from	using cotton swab or loop
metallic or ceramic wires [NASA-CASE-ILE-00020] c15 N70-33226	[NASA-CASE-LAR-11074-1] c05 N73-16096
[MASA-CASE-ILE-00020] c15 N70-33226 Self lubricating fluoride-metal composite	HICROBLECTRODICS
materials for outer space applications	Separation of semiconductor wafer into chips bounded by scribe lines
[NASA-CASE-XLE-08511] c18 N71-23710	[NASA-CASE-ERC-10138] C26 N71-14354
Punch and die device for forming convolution	Vibrophonocardiograph comprising low weight and
series in thin gage metal hemispheres [NASA-CASE-INP-05297] c15 N71-23811	small volume piezoelectric microphone with
Device for bending metal ribbon or wire	amplifier having high imput impedance for high
[NASA-CASE-ILA-05966] c15 N72-12408	sensitivity and low frequency response [NASA-CASE-XPR-07172] c05 N71-27234
Process for depositing pure metals by	Electrical connections for thin film hybird
irradiating liquids	microcircuits
`[NASA-CASE-LEM-10906-1] c06 N72-25164 Development of performed attachable thermocouple	[NASA-CASE-XMS-02182] c10 N71-28783
from thermoelectrically different metals	Method for coating through-holes in ceramic
[NASA-CASE-LBH-11072-2] c14 N72-28443	substrates used in fabricating miniaturized electronic circuits
Scanning nozzle plating system for etching or	[NASA-CASE-XMP-05999] c15 N71-29032
plating metals on substrates without masking	Precision surface cutter for screen circuit
[NASA-CASE-NPO-11758-1] c15 N72-28507 Metal plating process employing spraying of	negatives and other microcircuits
metallic power/peening particle mixture	[NASA-CASE-ILA-09843] c15 N72-27485 Haterial compositions and processes for
[NASA-CASE-GSC-11163-1] c15 N73-32360	developing dielectric thick films used in
Glass-to-metal seals comprising relatively high	microcircuit capacitors
expansion metals [NASA-CASE-LEW-10698-1]	[NASA-CASE-LAR-10294-1] c26 N72-28762
[NASA-CASE-LEW-10698-1] c15 N74-21063 HETRORITE COLLISIONS	Active tuned circuits for microelectronic
Pressurized panel meteoroid detector	Construction [NASA-CASE-GSC-11340-1] c10 N72-33230
[NASA-CASE-XLA-08916-2] C14 N73-28487	Organic amine and nitroaromatic mixed compound
Method of and device for determining the	for heat change detection in microelectronic
characteristics and flux distribution of micrometeorites scanning puncture holes in	components
sheet material with photoelectric cell	[NASA-CASE-NPO-10764-2] c10 N73-20259
[NASA-CASE-NPO-12127-1] c14 N74-13130	Apparatus for semiautomatic inspection of
HETRORITES	microfilmed documents for density, resolution,
Method for making pressurized meteoroid	size, and position
penetration detector panels [NASA-CASE-XLA-08916] c15 N71-29018	[NA5A-CASE-MFS-20240] C14 N71-26788
[NASA-CASE-XLA-08916] c15 N71-29018	NICROHETEORITES
Capacitor sandwich structure containing metal	Nethod of and device for determining the characteristics and flux distribution of
sheets of known thickness for counting	micrometeorites scanning puncture boles in
penetration rates of meteoroids	sheet material with photoelectric cell
[NASA-CASE-XLE-01246] c14 N71-10797 HETEOROID HAZARDS	[NASA~CASE-NPO-12127-1] c14 N74-13130
Contrast color coating for meteoroid impact	HICROESTEOROIDS
position locator for space vehicles	Particle detector for measuring micrometeoroid velocity in space
[NASA-CASE-LAR-10629-1] C14 N73-32348	[NASA-CASE-XLA-00495] c18 w70-81333
BETEOROID PROTECTION	Piezoelectric transducer for detecting and
Development and characteristics of protective coatings for spacecraft	measuring micrometeoroids
and than the almostate	[NASA-CASE-XAC-01101] c14 N70-41957

and the second detector	Heated porous plug microthrustor for spacecraft
Pressurized cell micrometeoroid detector c14 N71-14996 [NASA-CASE-ILA-00936]	reaction jet controlled systems such as ruer
Development of large area micrometeoroid impact	flow regulation, propellant disassociation, and heat transfer augmentation
detector panels	[NASA-CASE-GSC-10640-1] C28 N72-18766
[NASA-CASE-NLA-05906] c31 N71-16221 Rotary bead dropper and selector for testing	MICROMANE AMPLIFIERS
micrometeorite transducers	Thermally sensitive tuning probe for nullifying detuning effects in microwave cavity resonator
rwici_cacp_VGS_03300] CO9 #/1-22700	of amplifier
Measuring micrometeroid depth or penetration	[NASA-CASE-XNP-00449] c14 H70-35220
into various materials [NASA-CASE-KLA-00941] c14 N71-23240	MYCDODAYR INTRNAIS
structure of fabric lavers for micrometeoroid	Microwave power receiving antenna solving heat dissipation problems by construction of
protection garment with Capability lor	elements as heat pipe devices
eliminating heat shorts for use in	rnasa-case-mps-203331 c09 871-13486
manufacturing space suits [WASA-CASE-MSC-12109] C18 N71-26285	Development and characteristics of low-noise
Coomic dust analyzer using ion time of first	multimode monopulse antenna feed system for use with microwave communication equipment
A - A I RI A ROTO TO A CONTROL CONSTITUTION OF	CWASA-CASE-XNP-01735] COV N71-22/50
hypervelocity particles such as micrometeroids [NASA-CASE-MSC-13802-1] c30 N72-20805	Microwave ominidirectional antenna for use on
Micropoteoroid analyzer Using arrays of	spacecraft spacecraft spacecraft coe N71-22888
interconnected capacitors and ion detector	Partable equipment for Validating C band launch
[NASA-CASE-ARC-10443-1] c14 N73-20477 Cold cathode discharge tube with pressurized gas	pad antennas and transmission lines used for
cell for meteoroid detection in space	spacecraft checkout rwss-case-rks-105431 co7 b71-26292
FNASA-CASE-LAR-10483-1] C14 0/3-3232/	[NASA-CASE-XKS-10543] CO/ N/1-20292 Multipurpose microwave antenna, employing dish
Deployable pressurized cell structure for a	reflector with plural coaxial horn reeds
micrometeoroid detector [NASA-CASE-LAR-10295-1] c15 N74-21062	F NA SA-CASE-NPO-11264] CO7 N72-251/4
MTCDONTHT A THRTS A TON	Omnidirectional antenna array with circumferential slots for mounting on
Miniaturized radiometer for detecting low level	cylindrical space Vehicle
thermal radiation [NASA-CASE-XLA-04556] c14 N69-27484	r nasa-case-lar-10163-1] c09 f72-2524/
TORADOR NICEC	Characteristics of microwave antenna with conical reflectors to generate plane wave front
Development of bacteriostatic conformal coating	[NASA-CASE-NPO-11661] c07 N73-14130
and methods of application [NASA-CASE-GSC-10007] c18 N71-16046	WICROWAYR CIRCUITS
Automatic swabbing apparatus for sampling of	Quasi-optical microwave circuit with dielectric
microbiological surfaces	body for use with oversize waveguides [NASA-CASE-ERC-10011] c07 N71-29065
[NASA-CASE-LAR-11069-1] c04 M73-16061 Portable vacuum probe surface sampler for	MICROPAUR COUPLING
sampling large surface areas with relatively	Microwave waveguide switch with rotor position
light loading densities of Dicroorganisms	CONTROL [MASA-CASE-XNP-06507] C09 N71-23548
[MASA-CASE-LAR-10623-1] c14 N73-30395 Automatic microbial transfer device	STCOODAYR ROUTPHRNY
[NASA-CASE-LAR-11354-1] c14 N74-10422	Apparatus for generating microwave signals at progressively related phase angles for driving
MICEOPARTICLES Micropacked column for rapid chromatographic	antenna array
analysis using low gas flow rates	[NASA-CASE-ERC-10046] c10 B71-18722
[NASA-CASE-XNP-04816] CO6 N69-39936	Broadband microwave waveguide window to compensate dielectric material filling
#TCPOPHONES	FNASA-CASE-XNP-088801 C09 N71-24800
MICROPHONES Audio signal processing system for noise surge elimination at low amplitude audio input	[NASA-CASE-XNP-08880] c09 N71-24800 Dual frequency feed systems for Cassegrainian
MICROPHONES Audio signal processing system for noise surge elimination at low amplitude audio input [NBSA-CASE-MSC-12223-1]	[NASA-CASE-INP-08880] c09 N71-24800 Dual frequency feed systems for Cassegrainian antennas
MICROPHONES Audio signal processing system for noise surge elimination at low amplitude audio input [NASA-CASE-MSC-12223-1] c07 N71-26181 wibronhonocardiograph comprising low weight and	[NASA-CASE-XNP-08880] c09 N71-24800 Dual frequency feed systems for Cassegrainian antennas [NASA-CASE-NPO-13091-1] c09 N73-12214
Audio signal processing system for noise surge elimination at low amplitude audio input [NASA-CASE-MSC-12223-1] c07 N71-26181 vibrophonocardiograph comprising low weight and small volume piezzeelectric microphone with amplifier having high imput impedance for high	[NASA-CASE-XNP-08880] c09 N71-24800 Dual frequency feed systems for Cassegrainian antennas [NASA-CASE-NPO-13091-1] c09 N73-12214 HICROWAYE FILTERS Nicrowaye power divider for providing variable
Audio signal processing system for noise surge elimination at low amplitude audio input [NASA-CASE-MSC-1223-1] c07 N71-26181 vibrophonocardiograph comprising low weight and small volume piezoelectric microphone with amplifier having high imput impedance for high sensitivity and low frequency response	[NASA-CASE-XNP-08880] c09 N71-24800 Dual frequency feed systems for Cassegrainian antennas [NASA-CASE-NPO-13091-1] c09 N73-12214 HICROWAYE FILTERS Hicrowaye power divider for providing variable output power to output waveguide in fixed
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Audio signal processing system for noise surge elimination at low amplitude audio input [NASA-CASE-MSC-12223-1] c07 N71-26181 Vibrophonocardiograph comprising low weight and small volume piezoelectric microphone with amplifier having high input impedance for high sensitivity and low frequency response [NASA-CASE-IFR-07172] c05 N71-27234 Development of wind tunnel microphone structure to minimize effects of vibrations and	[NASA-CASE-XNP-08880] C09 N71-24806 Dual frequency feed systems for Cassegrainian antennas [NASA-CASE-NPO-13091-1] c09 N73-12214 MICROWAVE FILTERS Microwave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] c07 N71-33606 Selective bandpass resonators using bandstop
Audio signal processing system for noise surge elimination at low amplitude audio input [NASA-CASE-MSC-12223-1] c07 N71-26181 Vibrophonocardiograph comprising low weight and small volume piezoelectric microphone with amplifier having high input impedance for high sensitivity and low frequency response [NASA-CASE-IFR-07172] c05 N71-27234 Development of wind tunnel microphone structure to minimize effects of vibrations and eliminate unwanted signals in microphone	[NASA-CASE-XNP-08880] C09 N71-24806 Dual frequency feed systems for Cassegrainian antennas [NASA-CASE-NPO-13091-1] c09 N73-12214 MICROWAVE FILTERS Microwave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] c07 N71-33606 Selective bandpass resonators using bandstop resonator pairs for microwave frequency
Audio signal processing system for noise surge elimination at low amplitude audio input [NASA-CASE-MSC-12223-1] c07 N71-26181 Vibrophonocardiograph comprising low weight and small volume piezoelectric microphone with amplifier having high imput impedance for high sensitivity and low frequency response [NASA-CASE-IFR-07172] c05 N71-27234 Development of wind tunnel microphone structure to minimize effects of vibrations and eliminate unwanted signals in microphone output [NASA-CASE-INP-00250] c11 N71-28779	[NASA-CASE-XNP-08880] CO9 N71-24806 Dual frequency feed systems for Cassegrainian antennas [NASA-CASE-NPO-13091-1] CO9 N73-12214 HICROWAYB FILTERS Microwave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] CO7 N71-33606 Selective bandpass resonators using bandstop resonator pairs for microwave frequency operation
Audio signal processing system for noise surge elimination at low amplitude audio input [NASA-CASE-MSC-12223-1] c07 N71-26181 Vibrophonocardiograph comprising low weight and small volume piezoelectric microphone with amplifier having high imput impedance for high sensitivity and low frequency response [NASA-CASE-IFR-07172] c05 N71-27234 Development of wind tunnel microphone structure to minimize effects of vibrations and eliminate unwanted signals in microphone output [NASA-CASE-INP-00250] c11 N71-28779 Adjustable frequency response microphone	[NASA-CASE-XNP-08880] C09 N71-24806 Dual frequency feed systems for Cassegrainian antennas [NASA-CASE-NPO-13091-1] c09 N73-12214 HICROWAVE FILTERS Hicrowave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] c07 N71-33606 Selective bandpass resonators using bandstop resonator pairs for microwave frequency operation [NASA-CASE-GSC-10990-1] c09 N73-26195
Audio signal processing system for noise surge elimination at low amplitude audio input [NASA-CASE-MSC-12223-1] c07 N71-26181 Vibrophonocardiograph comprising low weight and small volume piezoelectric microphone with amplifier having high imput impedance for high sensitivity and low frequency response [NASA-CASE-IFR-07172] c05 N71-27234 Development of wind tunnel microphone structure to minimize effects of vibrations and eliminate unwanted signals in microphone output [NASA-CASE-XNP-00250] c11 N71-28779 Adjustable frequency response microphone [NASA-CASE-LAR-11170-1] c07 N74-12843	[NASA-CASE-XNP-08880] C09 N71-24806 Dual frequency feed systems for Cassegrainian antennas [NASA-CASE-NPO-13091-1] c09 N73-12214 HICROWAVE FILTERS Hicrowave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] c07 N71-33606 Selective bandpass resonators using bandstop resonator pairs for microwave frequency operation [NASA-CASE-GSC-10990-1] c09 N73-26195 HICHOWAVE FREQUENCIES Varactor microwave frequency mixing circuit
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Audio signal processing system for noise surge elimination at low amplitude audio input [NASA-CASE-MSC-12223-1] c07 N71-26181 Vibrophonocardiograph comprising low weight and small volume piezoelectric microphone with amplifier having high imput impedance for high sensitivity and low frequency response [NASA-CASE-IFR-07172] c05 N71-27234 Development of wind tunnel microphone structure to minimize effects of vibrations and eliminate unwanted signals in microphone output [NASA-CASE-XNP-00250] c11 N71-28779 Adjustable frequency response microphone [NASA-CASE-LAR-11170-1] c07 N74-12843 HICHOSCOPES Absolute focus locking device for microscopes to maintain set focus for extended time period [NASA-CASE-LAR-10184] c14 N72-22445 Hand-held, lightweight, portable photomicroscope	[NASA-CASE-XNP-08880] C09 N71-24806 Dual frequency feed systems for Cassegrainian antennas [NASA-CASE-NPO-13091-1] c09 N73-12214 HICROWAYB FILTERS Hicrowave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] c07 N71-33606 Selective bandpass resonators using bandstop resonator pairs for microwave frequency operation [NASA-CASE-GSC-10990-1] c09 N73-26195 HICROWAYE FERGUENCIES Varactor microwave frequency mixing circuit [NASA-CASE-XGS-02171] c09 N69-24324 Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XFR-07894] c09 N71-18721
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Audio signal processing system for noise surge elimination at low amplitude audio input [NASA-CASE-MSC-12223-1]	[NASA-CASE-XNP-08880] C09 N71-24806 Dual frequency feed systems for Cassegrainian antennas [NASA-CASE-NPO-13091-1] C09 N73-12214 MICROWAVE FILTERS Microwave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] C07 N71-33606 Selective bandpass resonators using bandstop resonator pairs for microwave frequency operation [NASA-CASE-GSC-10990-1] C09 N73-26195 MICROWAVE FREQUENCIES Varactor microwave frequency mixing circuit [NASA-CASE-XGS-02171] Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] C09 N71-18721 Multimode antenna feed system for microwave and broadband communication
Audio signal processing system for noise surge elimination at low amplitude audio input [NASA-CASE-MSC-12223-1] c07 N71-26181 Vibrophonocardiograph comprising low weight and small volume piezoelectric microphone with amplifier having high imput impedance for high sensitivity and low frequency response [NASA-CASE-IFR-07172] c05 N71-27234 Development of wind tunnel microphone structure to minimize effects of vibrations and eliminate unwanted signals in microphone output [NASA-CASE-INP-00250] c11 N71-28779 Adjustable frequency response microphone [NASA-CASE-IAR-11170-1] c07 N74-12843 MICHOSCOPES Absolute focus locking device for microscopes to maintain set focus for extended time period [NASA-CASE-LAR-10184] c14 N72-22445 Hand-held, lightweight, portable photomicroscope [NASA-CASE-ARC-10468-1] c14 N73-33361 MICHOSTRUCTURE Production of high strength refractory compounds	[NASA-CASE-XNP-08880] C09 N71-24806 Dual frequency feed systems for Cassegrainian antennas [NASA-CASE-NPO-13091-1] C09 N73-12214 HICROWAYB FILTERS Hicrowave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] C07 N71-33606 Selective bandpass resonators using bandstop resonator pairs for microwave frequency operation [NASA-CASE-GSC-10990-1] C09 N73-26195 HICROWAYE FREQUENCIES Varactor nicrowave frequency mixing circuit [NASA-CASE-XGS-02171] C09 N69-24324 Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] C09 N71-18721 Hultimode antenna feed system for microwave and broadband communication [NASA-CASE-GSC-11046-1] C07 N73-28013
Audio signal processing system for noise surge elimination at low amplitude audio input [NASA-CASE-MSC-12223-1]	[NASA-CASE-XNP-08880] C09 N71-24806 Dual frequency feed systems for Cassegrainian antennas [NASA-CASE-NPO-13091-1] C09 N73-12214 HICROWAVE FILTERS Hicrowave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] C07 N71-33606 Selective bandpass resonators using bandstop resonator pairs for microwave frequency operation [NASA-CASE-GSC-10990-1] C09 N73-26195 HICHOWAVE FREQUENCIES Varactor nicrowave frequency mixing circuit [NASA-CASE-IGS-02171] C09 N69-24324 Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] C09 N71-18721 Hultimode antenna feed system for microwave and broadband communication [NASA-CASE-SSC-11046-1] C07 N73-28013 BICROWAVE OSCILLATORS Nicrowave generator using Gunn effect for
Audio signal processing system for noise surge elimination at low amplitude audio input [NASA-CASE-MSC-12223-1]	[NASA-CASE-XNP-08880] C09 N71-24806 Dual frequency feed systems for Cassegrainian antennas [NASA-CASE-NPO-13091-1] C09 N73-12214 HICROWAYB FILTERS Hicrowave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] C07 N71-33606 Selective bandpass resonators using bandstop resonator pairs for microwave frequency operation [NASA-CASE-GSC-10990-1] C09 N73-26195 HICROWAYE FREQUENCIES Varactor nicrowave frequency mixing circuit [NASA-CASE-XGS-02171] C09 N69-24324 Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] C09 N71-18721 Hultimode antenna feed system for microwave and broadband communication [NASA-CASE-GSC-11046-1] C07 N73-26013 BICROWAYE OSCILLATORS Microwave generator using Gunn effect for magnetic tuning fundal-CASE-ASE-CASE-NEO-121061 C09 N73-15235
Audio signal processing system for noise surge elimination at low amplitude audio input [NASA-CASE-MSC-12223-1]	[NASA-CASE-XNP-08880] C09 N71-24806 Dual frequency feed systems for Cassegrainian antennas [NASA-CASE-NPO-13091-1] C09 N73-12214 HICROWAYB FILTERS Hicrowave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] C07 N71-33606 Selective bandpass resonators using bandstop resonator pairs for microwave frequency operation [NASA-CASE-GSC-10990-1] C09 N73-26195 HICROWAYE FREQUENCIES Varactor nicrowave frequency mixing circuit [NASA-CASE-XGS-02171] C09 N69-24324 Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] C09 N71-18721 Hultimode antenna feed system for microwave and broadband communication [NASA-CASE-SCC-11046-1] C07 N73-28013 HICROWAVE OSCILLATORS Microwave generator using Gunn effect for magnetic tuning [NASA-CASE-NFO-12106] C09 N73-15235 Flectron beam controller using magnetic
Audio signal processing system for noise surge elimination at low amplitude audio input [NASA-CASE-MSC-12223-1]	[NASA-CASE-XNP-08880] Dual frequency feed systems for Cassegrainian antennas [NASA-CASE-NPO-13091-1] CO9 N73-12214 MICROWAVE FILTERS Microwave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] CO7 N71-33606 Selective bandpass resonators using bandstop resonator pairs for microwave frequency operation [NASA-CASE-GSC-10990-1] CO9 N73-26195 MICROWAVE PERQUENCIES Varactor microwave frequency mixing circuit [NASA-CASE-XGS-02171] Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] Multimode antenna feed system for microwave and broadband communication [NASA-CASE-GSC-11046-1] CO9 N71-18721 MICROWAVE OSCILLATORS Microwave generator using Gunn effect for magnetic tuning [NASA-CASE-NFO-12106] Electron beam controller using magnetic field to refocus spent electron beam in
Audio signal processing system for noise surge elimination at low amplitude audio input [NASA-CASE-MSC-12223-1]	[NASA-CASE-XNP-08880] Dual frequency feed systems for Cassegrainian antennas [NASA-CASE-NPO-13091-1] CO9 N73-12214 MICROWAVE FILTERS Microwave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] CO7 N71-33606 Selective bandpass resonators using bandstop resonator pairs for microwave frequency operation [NASA-CASE-GSC-10990-1] CO9 N73-26195 MICROWAVE FREQUENCIES Varactor microwave frequency mixing circuit [NASA-CASE-XGS-02171] Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] CO9 N71-18721 Multimode antenna feed system for microwave and broadband communication [NASA-CASE-GSC-11046-1] CO7 N73-26013 MICROWAVE OSCILLATORS Microwave generator using Gunn effect for magnetic tuning [BASA-CASE-NFO-12106] Electron beam controller using magnetic field to refocus spent electron beam in microwave oscillator tube
Audio signal processing system for noise surge elimination at low amplitude audio input [NASA-CASE-MSC-12223-1]	[NASA-CASE-XNP-08880] Dual frequency feed systems for Cassegrainian antennas [NASA-CASE-NPO-13091-1] CO9 N73-12214 MICROWAVE FILTERS Microwave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] CO7 N71-33606 Selective bandpass resonators using bandstop resonator pairs for microwave frequency operation [NASA-CASE-GSC-10990-1] CO9 N73-26195 MICROWAVE PERQUENCIES Varactor microwave frequency mixing circuit [NASA-CASE-XGS-02171] Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] Multimode antenna feed system for microwave and broadband communication [NASA-CASE-GSC-11046-1] CO9 N71-18721 MICROWAVE OSCILLATORS Microwave generator using Gunn effect for magnetic tuning [NASA-CASE-NFO-12106] Electron beam controller using magnetic field to refocus spent electron beam in microwave oscillator tube [NASA-CASE-LEE-II617-1] MICROWAVE RADIORETERS
Audio signal processing system for noise surge elimination at low amplitude audio input [NASA-CASE-MSC-12223-1]	[NASA-CASE-XNP-08880] Dual frequency feed systems for Cassegrainian antennas [NASA-CASE-NPO-13091-1] CO9 N73-12214 MICROWAVE FILTERS Microwave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] CO7 N71-33606 Selective bandpass resonators using bandstop resonator pairs for microwave frequency operation [NASA-CASE-GSC-10990-1] CO9 N73-26195 MICROWAVE FREQUENCIES Varactor microwave frequency mixing circuit [NASA-CASE-XGS-02171] Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] CO9 N71-18721 Multimode antenna feed system for microwave and broadband communication [NASA-CASE-SC-11046-1] CO7 N73-26013 BICROWAVE OSCILLATORS Microwave generator using Gunn effect for magnetic tuning [NASA-CASE-NFO-12106] Electron beam controller using magnetic field to refocus spent electron beam in microwave oscillator tube [NASA-CASE-LEW-11617-1] CO9 N74-10195 MICROWAVE RADIONETERS TURNET REGIONETERS TURNET REGIONETERS TURNET REGIONETERS TURNET REGIONETERS
Audio signal processing system for noise surge elimination at low amplitude audio input [NASA-CASE-MSC-12223-1]	[NASA-CASE-XNP-08880] Dual frequency feed systems for Cassegrainian antennas [NASA-CASE-NPO-13091-1] CO9 N73-12214 MICROWAVE FILTERS Microwave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] CO7 N71-33606 Selective bandpass resonators using bandstop resonator pairs for microwave frequency operation [NASA-CASE-GSC-10990-1] CO9 N73-26195 MICROWAVE FREQUENCIES Varactor microwave frequency mixing circuit [NASA-CASE-XGS-02171] Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] Multimode antenna feed system for microwave and broadband communication [NASA-CASE-XER-07894] SICROWAVE OSCILLATORS Microwave generator using Gunn effect for magnetic tuning [NASA-CASE-NPO-12106] Electron beam controller using magnetic field to refocus spent electron beam in microwave oscillator tube [NASA-CASE-LEW-11617-1] CO9 N74-10195 MICROWAVE RADIONETERS Input radio frequency circuit for switching type absolute temperature measuring radiometer for
Audio signal processing system for noise surge elimination at low amplitude audio input [NASA-CASE-MSC-12223-1]	[NASA-CASE-XNP-08880] Dual frequency feed systems for Cassegrainian antennas [NASA-CASE-NPO-13091-1] CO9 N73-12214 HICROWAVE FILTERS Microwave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] CO7 N71-33606 Selective bandpass resonators using bandstop resonator pairs for microwave frequency operation [NASA-CASE-GSC-10990-1] CO9 N73-26195 HICROWAVE FERQUENCIES Varactor microwave frequency mixing circuit [NASA-CASE-XGS-02171] Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] Multimode antenna feed system for microwave and broadband communication [NASA-CASE-GSC-11046-1] CO9 N71-18721 BICROWAVE OSCILLATORS Kicrowave generator using Gunn effect for magnetic tuning [NASA-CASE-BPO-12106] Electron beam controller using magnetic field to refocus spent electron beam in microwave oscillator tube [NASA-CASE-LEW-11617-1] CO9 N74-10195 HICROWAVE RADIONETERS Input radio frequency circuit for switching type absolute temperature measuring radiometer for noise sources [NASA-CASE-EEC-11020] C14 N71-26774
Audio signal processing system for noise surge elimination at low amplitude audio input [NASA-CASE-MSC-12223-1]	[NASA-CASE-XNP-08880] Dual frequency feed systems for Cassegrainian antennas [NASA-CASE-NPO-13091-1] CO9 N73-12214 HICROWAVE FILTERS Hicrowave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] CO7 N71-33606 Selective bandpass resonators using bandstop resonator pairs for microwave frequency operation [NASA-CASE-GSC-10990-1] CO9 N73-26195 HICROWAVE FREQUENCIES Varactor microwave frequency mixing circuit [NASA-CASE-IGS-02171] CO9 N69-24324 Voltage tunable Gunn effect semiconductor for microwave generation [NASA-CASE-XER-07894] CO9 N71-18721 Hultimode antenna feed system for microwave and broadband communication [NASA-CASE-SEC-11046-1] CO7 N73-28013 BICROWAVE OSCILLATORS Ricrowave generator using Gunn effect for magnetic tuning [NASA-CASE-NPO-12106] Electron beam controller using magnetic field to refocus spent electron beam in microwave oscillator tube [NASA-CASE-LEW-11617-1] CO9 N74-10195 HICROWAVE RADIONETERS Input radio frequency circuit for switching type absolute temperature measuring radiometer for noise sources

measurement

the state of the s		•	
[NASA-CASE-XNP-10843] Surface defect detection by reflecte	c07 N71-11267 d picrovave	HIRRORS Preumatic control of telescopic mi	Fror Support
radiation pattern		s y sten	
[MASA-CASE-ARC-10009-1] HICROUAVE BESONANCE Hicrowave double resonance spectrosc	c15 N71-17822	[WASA-CASE-XLA-03271] Oscillatory electromagnetic mirror for horizon scanners	c11 M69-24321 drive system
absorption cell for gas analysis		[NASA-CASE-XLA-03724]	c14 N69-27461
L NASA-CASE-LAR-10305 1	c14 N71-26137	Servo system for retroreflector of	
HICROHAVE SHITCHING Design of gyrator circuit using oper	ational	interferometer	40 274 49660
amplifiers to replace ungrounded i	acional nductors	[NASA-CASE-NPO-10300] Gas laser frequency stabilized by ;	c14 N71-17662
[NASA-CASE-XAC-10608-11	c09 871-12517	pirrors in resonant cavity	position of
MICROUAVE TUBES		[NASA-CASE-NGS-03644]	c16 N71-18614
Electrostatic charged particle colle containing stacked electrodes for	ctor	Highly stable optical mirror assemb	
	ulcrodave tube c09 N73-13208	image quality of light diffraction [NASA-CASE-ERC-10001]	on patterns c23 N71-24868
RICROMATES		Adjustable rigid nount for tribedra	
Radio frequency noise generator havi	ng microwave	formed of alloy with small coeff:	
slow-wave structure in gas dischar [NASA-CASE-XER-11019]		thermal expansion supporting scre	ews and
Hethod and apparatus for optically no	c09 N71-23598 odulatina	spring-biased plates [NASA-CASE-INP-08907]	c23 N71-29123
light or microwave beam		Optical range finder using reflecti	
[NASA-CASE-GSC-10216-1]	c23 N71-26722	surfaces mirror and transmitting	
Bicrouave maveguide mixer [WASA-CASE-ERC-10179]	-A7 972-2A414	[NASA-CASE-HSC-12105-1]	c14 N72-21409
Hicrovave power transmission system	c07 #72-20141 Wherein	Optical nirror support system [NASA-CASE-XER-07896-2]	c23 N72-22673
level of transmitted power is cont:	rolled by	Development of strain gage ambiguit	
reflections from receiver		neasuring alignment of optical mi	
[NASA-CASB-HPS-21470-1] BIDAIR COLLISIONS	c10 N74-19870	[NASA-CASE-HPS-20506-1]	c14 N73-17563
Economical satellite aided vehicle a	enidance	HISSILE COSTROL	
system for preventing midair collis		Turnstile slot antenna [NASA-CASE-GSC-11428-1]	c09 N74-20864
[NASA-CASE-ERC-10419]	c21 N72-21631	HISSILE LAUNCHERS	003 874 20004
Development and characteristics of e	lectronic	Launch pad missile release system t	
signalling system and data process equipment for warning systems to a	ing roid midair	poment change rate reduction in t	
collisions between aircraft	old Bidair	distribution structure at liftoff [NASA-CASE-XBF-03198]	c30 N70-40353
{ WASA-CASE-LAR-10717-1]	21 873-30641	Optical monitor panel consisting of	
HILLINETER BAVES		screen with test or meter informa	tion
Hillimeter wave antenna system for sp [NASA-CASE-GSC-10949-1]		projected onto it from rear for a	application in
BILLIBG (BACHIBIRG)	07 N71-28965	control rooms of missile launchin tracking stations	ig and
Rotary spindle lathe attachments for	machining	[NASA-CASE-XKS-03509]	c14 %71-23175
geometrical cones		Controlled release device for use i	n launching
[HASA-CASE-XHS-04292] GILLING HACHINES	:15 N71~22722	rockets or missiles	
Rlectro-optical system for maintaining	ng two-axis	[NASA-CASE-KKS-03338] GIKING CIRCUITS	c15 N71-24043
alignment during milling operations	on large	Varactor microwave frequency mixing	circuit
tank-sections	46	[NASA-CASE-KGS-02171]	c09 N69-24324
[MASA-CASE-IEF-00908] Description of portable milling tool	:14 N70-40238	Hicrowave waveguide mixer [NASA-CASE-ERC-10179]	
tube or pipe ends to desired shape		HODE TRANSFORMERS	c07 N72-20141
[NASA-CASE-XHP-03511]	:15 ¥71-22799	Silicon controlled rectifier invert	er with
Tool positioning holder for grinding	by ball	compensation of transients to avo	
nose milling cutter [NASA-CASE-LAR-10450-1]	:15 N73-10504	[NASA-CASE-KLA-08507] Dual waveguide mode source for cont	CO9 N69-39984
HISTATURE ELECTROSIC EQUIPMENT		amplitudes of two modes	rotitild
Miniature solid state, direction sens		[NASA-CASE-XNP-03134]	c07 N71-10676
stress transducer design with bonde semiconductive piezoresistive eleme		HODULATION	
sensing residual stresses	suc 101	Demodulator for carrier transducers [NASA-CASE-NUC-10107-1]	c09 N74-17930
[NASA-CASE-XNP-02983]	:14 N71-21091	HODULATORS	CU3 N74-17930
Transducer circuit design with single	coaxial	Pabry-Perot interferometer retrodir	ective
cable for input and output connecting including incorporation into miniat	lons	reflector modulator for optical c	
catheter transducer	diized	[NASA-CASE-KGS-04480] Optical retrodirective modulator wi	c16 N69-27491
[NASA-CASE-ARC-10132-1]	:09 N71-24597	spoiling reflector driven by modu	lation signal
Solid state television camera system	consisting	[NASA-CASE-GSC-10062]	c14 N71-15605
of monolithic semiconductor mosaic molecular digital readout systems	sensor and	Calibrator for measuring and modula	ting or
	:07 N71-24612	demodulating laser outputs [NASA-CASE-KLA-03410]	.10 924 05049
Ingestible miniaturized telemetry des		Full wave modulator-demodulator amp	c16 N71-25914
deep body temperature measurements	on humans	apparatus for generating rect	ified output
and animals [NASA-CASE-ARC-10583-1]	:05 N73-14093	signal .	_
INITERIZATION	102 N12-14032	[BASA-CASE-PEC-10072-1] BODULES	c09 N74-14939
Hiniature vibration isolator utilizin	g elastic	Biorthogonal encoder with modular d	esian
tubing material	45 84 1144 1144	[NASA-CASE-NPO-10629]	C08 N72-18184
[NASA-CASE-XLA-01019] computer circuit performing both coun	:15 N70-40156	HOISTURE	* *
shifting logic operations also capa		Gas purged dry box glove reducing p air or moisture into dry box or i	ermeation of
miniaturization and integration in		diffusion through glove	SOTICOL DA
circuits	.00 474 000-	[NASA-CASE-XLE-02531]	c05 N71-23080
[NASA-CASE-INP-01753] C Past response miniature carbon dioxid	:08 N71-22897	Doistore heters	
with no moving parts for measuring	r aeréciot	Method of evaluating moisture harri of materials used in electronics	er properties
concentration in any atmosphere		[NASA-CASE-NPO-10051]	encapsulation c18 N71-24934
[NASA-CASE-MSC-13332-1]	14 N72-21408	GOLDING GATERIALS	
	T=10	Vacuum method for molding thermoset	ting

compounds used as ablative materials	
	[NASA-CASE-LAR-10323-1] c12 N71-17573
	Monitoring circuit design for sampling circuit
	control and reduction of time-bandwidth in
method of making molded electric connector for	video communication systems
use with flat conductor cables	
[NASA-CASE-XMF-03498] c15 N71-15986	
Hydraulic apparatus for casting and molding of	Optical monitor panel consisting of translucent
liquid polymers	screen with test or meter information
	projected onto it from rear for application in
	control rooms of missile launching and
Cold metal hydroforming techniques using epoxy	
molds for counteracting creep or stretch	tracking stations
[NASA-CASE-XLE-05641-1]	[NASA-CASE-XKS-03509] c14 N71-23175
Molding process for imidazopyrrolone polymers	Peak polarity selector for monitoring waveforms
[NASA-CASE-LAR-10547-1] c15 N74-13177	[NASA-CASE-FRC-10010] c10 N71-24862
	Circuit for monitoring power supply by ripple
Evacuated displacement compression molding	current indication
[NASA-CASE-LAR-10782-1] c15 N74-14133	
HOLDS	
Forming mold for polishing and machining curved	Development of droplet monitoring probe for use
solar magnesium reflector with reinforcing ribs	in analysis of droplet propagation in
[NASA-CASE-XLE-08917-2] c15 N71-24836	mixed-phase fluid stream
	[NASA-CASE-NPO-10985] c14 N73-20478
using molds for fabricating individual fluid	Multichannel medical monitoring system to
circuit components	
[NASA-CASE-XLA-07829] c15 N72-16329	measure physiological parameters from display
Vacuum displacement compression molding of	device at remote control station
tubular hodies from thermosetting plastics	[NASA+CASE-MSC-14180-1] CO5 N73-22045
[NASA-CASE-LAR-10782-2] c15 N73-31444	Monitoring and recording lightning strokes in
Compression molding apparatus for thermosetting	predetermined area
	[NASA-CASE-KSC-10728-1] c14 N73-32319
plastic compositions	method and apparatus for optically monitoring
[NASA-CASE-LAR-10489-2] c15 N73-31446	Hethod and apparatus for optically monitoring
Evacuated displacement compression molding	the angular position of a rotating mirror
[NASA-CASE-LAR-10782-1] c15 N74-14133	[NASA-CASE-GSC-11353-1] c23 N74-21304
Method of making an apertured casting	HONOCHRONATIC RADIATION
[NASA-CASE-LBW-11169-1] c15 N74-18131	Method and apparatus for producing intense,
[coherent, monochromatic light from low
MOLECULAR BRANS	temperature plasma
Selector mechanism for mechanical separation and	
discrimination of high velocity molecular	
particles	Apparatus for producing monochromatic light from
[NASA-CASE-XLE-01533] c11 N71-10777	continuous plasma source
HOLECULAR GASES	[NASA-CASE-NP-04167-2] c25 N72-24753
	MONOCHROMATORS
Compact hydrogenator	Analytical photoionization mass spectrometer
[NASA-CASE-NPO-11682-1] c15 N74-15127	marytical prototonization mass spectrometer
MOLECULAE PUMPS	with argon gas filter between light source and
Omnidirectional anisotropic molecular trap, used	monochroneter
with vacuum pump to simulate space	[NASA-CASE-LAR-10180-1] COS N71-1346
environments for testing spacecraft components	Color television system for allowing monochrome
[NASA-CASE-XGS-00783] c30 N71-17788	television camera to produce color pictures
Liquid-vapor interface seal design for turbine	[NASA-CASE-MSC-12146-1] c07 N72-1710
	•
rotating shafts including helical and	MONOMERS
molecular pumps and liquid cooling of mercury	Monomer polymerization by plasma discharge as
vapor	thin film for water purification membrane
[NASA-CASE-XNP-02862-1] c15 N71-26294	[NASA-CASE-ARC-10643-1] c06 N73-2907
MOLECULAR BOTATION	Fabrication of polyphenylquinoxaline composite
Laser utilizing infrared rotation transitions of	articles by means of in situ polymerization of
	nononers
diatomic gas for production of different	
wavelengths	(
	MOHOPOLE ANTENNAS
[NASA-CASE-ARC-10370-1] c16 N72-10432	
HOLECULAR SPECTROSCOPY	Monopole antenna system for maximum
NOLECULAR SPECTROSCOPY	Monopole antenna system for maximum omnidirectional efficiency for use on satellite
MOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy	Monopole antenna system for maximum omnidirectional efficiency for use on satellit.
MOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-KLA-00414] c07 M70-3820
MOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-KLA-00414] c07 N70-3820 Flexible monopole antenna with broad bandwidth
HOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 HOLTEN SALT RECTROLYTES	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-KLA-00414] c07 N70-3820 Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio
MOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT REECTROLITES Operation method for combined electrolysis	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-KLA-00414] c07 N70-3820 Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-1872
MOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT BLECTROLITES Operation method for combined electrolysis device and fuel cell using molten salt to	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-XLA-GO414] c07 N70-38200 Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-18720 HONOPROPELLANTS
MOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT BLECTROLITES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration.	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-XLA-00414] c07 N70-3820 Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-1872 HONOPROPELLANTS Ignition system for monopropellant combustion
MOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT RECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-KLA-00414] c07 N70-38200 Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-18720 MONOPROPELLANTS Ignition system for monopropellant combustion devices
HOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT RECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-XLA-00414] c07 N70-3820 Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-1872 HONOPROPELLANTS Ignition system for monopropellant combustion
MOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT REECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-KLA-00414] c07 N70-38200 Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-18720 MONOPROPELLANTS Ignition system for monopropellant combustion devices
MOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT BLECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 MOLYBDENUM CARBIDES	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-XLA-00414] c07 N70-3820 Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-1872 MONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] c28 N70-3824 Catalyst bed ignition system for hydrazine
HOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 HOLTEN SALT BLECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 HOLYBDENUM CARBIDES Flame or plasma spraying for molybdenum coating	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-XLA-00414] c07 N70-3820 Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-1872 HONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] c28 N70-3824 Catalyst bed ignition system for hydrazine propellants
HOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT RLECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 MOLYBDENUM CARBIDES Flame or plasma spraying for molybdenum coating of carbon or graphite surfaces to prevent	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-XLA-00414] c07 N70-38200 Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-18720 MONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] c28 N70-38240 Catalyst bed ignition system for hydrazine propellants [NASA-CASE-XNP-00876] c28 N70-4131
MOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT REECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 MOLYBDENIOM CARRIDES Flame or plasma spraying for molybdenum coating of carbon or graphite surfaces to prevent oxidative corrosion	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-XLA-00414] c07 N70-38200 Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-18720 MONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] c28 N70-38240 Catalyst bed ignition system for hydrazine propellants [NASA-CASE-XNP-00876] c28 N70-4131 MONOPULSE ANTENNAS
MOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT BLECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 MOLYBDENUM CARRIDES Flame or plasma spraying for molybdenum coating of carbon or graphite surfaces to prevent oxidative corrosion [NASA-CASE-XLA-00302] c15 N71-16077	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-XLA-00414] c07 N70-3820. Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-1872. HONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] c28 N70-3824. Catalyst bed ignition system for hydrazine propellants [NASA-CASE-XNP-00876] c28 N70-4131. BONOPULSE ANTENNAS Electronic and mechanical scanning control
MOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT REECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 MOLYBDENIOM CARRIDES Flame or plasma spraying for molybdenum coating of carbon or graphite surfaces to prevent oxidative corrosion	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-KLA-00414] c07 N70-3820 Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-1872 MONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] c28 N70-3824 Catalyst bed ignition system for hydrazine propellants [NASA-CASE-XNP-00876] c28 N70-4131 MONOPULSE ANTENNAS Electronic and mechanical scanning control system for monopulse tracking antenna
HOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 HOLTEN SALT BLECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 HOLYBDENUM CARBIDES Flame or plasma spraying for molybdenum coating of carbon or graphite surfaces to prevent oxidative corrosion [NASA-CASE-XLA-00302] c15 N71-16077 HOLYBDENUM COMPOUNDS	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-XLA-00414] c07 N70-3820. Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-1872. HONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] c28 N70-3824. Catalyst bed ignition system for hydrazine propellants [NASA-CASE-XNP-00876] c28 N70-4131. BONOPULSE ANTENNAS Electronic and mechanical scanning control
HOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT RLECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 MOLYBDENUM CARBIDES Flame or plasma spraying for molybdenum coating of carbon or graphite surfaces to prevent oxidative corrosion [NASA-CASE-XLA-00302] c15 N71-16077 MOLYBDENUM COMPOUNDS Method for producing refractory molybdenum	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-XLA-00414] c07 N70-38200 Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-18720 MONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] c28 N70-38240 Catalyst bed ignition system for hydrazine propellants [NASA-CASE-XNP-00876] c28 N70-4131 MONOPULSE ANTENNAS Electronic and mechanical scanning control system for monopulse tracking antenna [NASA-CASE-XGS-05582] c07 N69-2746
MOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT BLECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 MOLYBDENOM CARRIDES Flame or plasma spraying for molybdenum coating of carbon or graphite surfaces to prevent oxidative corrosion [NASA-CASE-XLA-00302] c15 N71-16077 MOLYBDENUM COMPOUNDS Method for producing refractory molybdenum disilicides	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-XLA-00414] c07 N70-3820 Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-1872 HONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] c28 N70-3824 Catalyst bed ignition system for hydrazine propellants [NASA-CASE-XNP-00876] c28 N70-4131 HONOPULSE ANTENNAS Electronic and mechanical scanning control system for monopulse tracking antenna [NASA-CASE-XGS-05582] c07 N69-2746 Development and characteristics of low-noise
HOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 HOLTEN SALT BLECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 HOLYBDENUM CARRIDES Flame or plasma spraying for molybdenum coating of carbon or graphite surfaces to prevent oxidative corrosion [NASA-CASE-XLA-00302] c15 N71-16077 HOLYBDENUM COMPOUNDS Method for producing refractory molybdenum disilicides [NASA-CASE-XMS-00370] c17 N71-20941	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-XLA-00414] c07 N70-3820. Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-1872. HONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] c28 N70-3824. Catalyst bed ignition system for hydrazine propellants [NASA-CASE-XNP-00876] c28 N70-4131. BONOPULSE ANTENNAS Electronic and mechanical scanning control system for monopulse tracking antenna [NASA-CASE-XGS-05582] c07 N69-2746. Development and characteristics of low-noise multimode monopulse antenna feed system for
HOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT BLECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 MOLYBDENUM CARBIDES Flame or plasma spraying for molybdenum coating of carbon or graphite surfaces to prevent oxidative corrosion [NASA-CASE-XLA-00302] c15 N71-16077 MOLYBDENUM COMPOUNDS Method for producing refractory molybdenum disilicides [NASA-CASE-XMS-00370] c17 N71-20941 MOMENTS OF INBETIA	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-XLA-00414] c07 N70-3820 Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-1872 HONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] c28 N70-3824 Catalyst bed ignition system for hydrazine propellants [NASA-CASE-INP-00876] c28 N70-4131 HONOPULSE ANTENNAS Electronic and mechanical scanning control system for monopulse tracking antenna [NASA-CASE-XGS-05582] c07 N69-2746 Development and characteristics of low-noise multimode monopulse antenna feed system for use with microwave communication equipment
MOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT RLECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 MOLYBDENUM CARBIDES Flame or plasma spraying for molybdenum coating of carbon or graphite surfaces to prevent oxidative corrosion [NASA-CASE-XLA-00302] c15 N71-16077 MOLYBDENUM COMPOUNDS Method for producing refractory molybdenum disilicides [NASA-CASE-XMS-00370] c17 N71-20941 MOMENTS OF INDERTIA Test fixture for measuring moment of inertia of	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-XLA-00414] CO7 N70-38200 Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] CO9 N71-18720 MONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] C28 N70-38240 Catalyst bed ignition system for hydrazine propellants [NASA-CASE-XNP-00876] C28 N70-4131 MONOPULSE ANTENNAS Electronic and mechanical scanning control system for monopulse tracking antenna [NASA-CASE-XGS-05582] C07 N69-2746 Development and characteristics of low-noise multimode monopulse antenna feed system for use with microwave communication equipment [NASA-CASE-XNP-01735] C07 N71-2275
MOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT BLECTROLITES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 MOLYBDENUM CARBIDES Flame or plasma spraying for molybdenum coating of carbon or graphite surfaces to prevent oxidative corrosion [NASA-CASE-XLA-00302] c15 N71-16077 MOLYBDENUM COMPOUNDS Method for producing refractory molybdenum disilicides [NASA-CASE-XMS-00370] c17 N71-20941 MOMENTS OF INERTIA Test fixture for measuring moment of inertia of irregularly shaped body with multiple axes	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-XLA-00414] c07 N70-3820. Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-1872. HONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] c28 N70-3824. Catalyst bed ignition system for hydrazine propellants [NASA-CASE-XNP-00876] c28 N70-4131. HONOPULSE ANTENNAS Electronic and mechanical scanning control system for monopulse tracking antenna [NASA-CASE-XGS-05582] c07 N69-2746. Development and characteristics of low-noise multimode monopulse antenna feed system for use with microwave communication equipment [NASA-CASE-XNP-01735] c07 N71-2275. Monopulse scanning network for scanning
MOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT RLECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 MOLYBDENUM CARBIDES Flame or plasma spraying for molybdenum coating of carbon or graphite surfaces to prevent oxidative corrosion [NASA-CASE-XLA-00302] c15 N71-16077 MOLYBDENUM COMPOUNDS Method for producing refractory molybdenum disilicides [NASA-CASE-XMS-00370] c17 N71-20941 MOMENTS OF INDERTIA Test fixture for measuring moment of inertia of	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-XLA-00414] c07 N70-38200 Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-18720 HONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] c28 N70-38240 Catalyst bed ignition system for hydrazine propellants [NASA-CASE-XNP-00876] c28 N70-4131 NONOPULSE ANTENNAS Electronic and mechanical scanning control system for monopulse tracking antenna [NASA-CASE-XGS-05582] c07 N69-27460 Development and characteristics of low-noise multimode monopulse antenna feed system for use with microwave communication equipment [NASA-CASE-XNP-01735] c07 N71-2275 Monopulse scanning network for scanning volumetric antenna pattern
MOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT BLECTROLITES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 MOLYBDENUM CARBIDES Flame or plasma spraying for molybdenum coating of carbon or graphite surfaces to prevent oxidative corrosion [NASA-CASE-XLA-00302] c15 N71-16077 MOLYBDENUM COMPOUNDS Method for producing refractory molybdenum disilicides [NASA-CASE-XMS-00370] c17 N71-20941 MOMENTS OF INERTIA Test fixture for measuring moment of inertia of irregularly shaped body with multiple axes	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-XLA-00414] c07 N70-3820 Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-1872 HONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] c28 N70-3824 Catalyst bed ignition system for hydrazine propellants [NASA-CASE-XNP-00876] c28 N70-4131 NONOPULSE ANTENNAS Electronic and mechanical scanning control system for monopulse tracking antenna [NASA-CASE-XGS-05582] c07 N69-2746 Development and characteristics of low-noise multimode monopulse antenna feed system for use with microwave communication equipment [NASA-CASE-XNP-01735] c07 N71-2275 Monopulse scanning network for scanning volumetric antenna pattern
HOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT BLECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 MOLYBDENUM CARBIDES Flame or plasma spraying for molybdenum coating of carbon or graphite surfaces to prevent oxidative corrosion [NASA-CASE-XLA-00302] c15 N71-16077 MOLYBDENUM COMPOUNDS Method for producing refractory molybdenum disilicides [NASA-CASE-XMS-00370] c17 N71-20941 MOMENTS OF INERTIA Test fixture for measuring moment of inertia of irregularly shaped body with multiple axes [NASA-CASE-XGS-01023] c14 N71-22992 MOMENTUM	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-KLA-00414] c07 N70-38200 Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-18720 HONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] c28 N70-38240 Catalyst bed ignition system for hydrazine propellants [NASA-CASE-XNP-00876] c28 N70-4131 HONOPULSE ANTENNAS Electronic and mechanical scanning control system for monopulse tracking antenna [NASA-CASE-XGS-05582] c07 N69-27460 Development and characteristics of low-noise multimode monopulse antenna feed system for use with microwave communication equipment [NASA-CASE-XNP-01735] c07 N71-22750 Monopulse scanning network for scanning volumetric antenna pattern [NASA-CASE-GSC-10299-1] c09 N71-2480
MOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT RLECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 MOLYBDENUM CARBIDES Flame or plasma spraying for molybdenum coating of carbon or graphite surfaces to prevent oxidative corrosion [NASA-CASE-XLA-00302] c15 N71-16077 MOLYBDENUM COMPOUNDS Method for producing refractory molybdenum disilicides [NASA-CASE-XMS-00370] c17 N71-20941 MOMENTS OF INERTIA Test fixture for measuring moment of inertia of irregularly shaped hody with multiple axes [NASA-CASE-XGS-01023] c14 N71-22992 MOMENTUM Otilization of momentum devices for forming	Monopole antenna system for maximum omnidirectional efficiency for use on satellit [NASA-CASE-KLA-00414] CO7 N70-3820 Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] CO9 N71-1872 MONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] C28 N70-3824 Catalyst bed ignition system for hydrazine propellants [NASA-CASE-XNP-00876] C28 N70-4131 MONOPULSE ANTENNAS Electronic and mechanical scanning control system for monopulse tracking antenna [NASA-CASE-XGS-05582] C07 N69-2746 Development and characteristics of low-noise multimode monopulse antenna feed system for use with microwave communication equipment [NASA-CASE-XNP-01735] c07 N71-2275 Monopulse scanning network for scanning volumetric antenna pattern [NASA-CASE-GSC-10299-1] c09 N71-2480 MONOPULSE RADAR
MOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT BLECTROLITES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 MOLYBDENUM CARBIDES Flame or plasma spraying for molybdenum coating of carbon or graphite surfaces to prevent oxidative corrosion [NASA-CASE-XLA-00302] c15 N71-16077 MOLYBDENUM COMPOUNDS Method for producing refractory molybdenum disilicides [NASA-CASE-XMS-00370] c17 N71-20941 MOMENTS OF INERTIA Test fixture for measuring moment of inertia of irregularly shaped body with multiple axes [NASA-CASE-XGS-01023] c14 N71-22992 MOMENTUM Utilization of momentum devices for forming attitude control and damping system for	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-XLA-00414] c07 N70-3820. Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-1872. HONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] c28 N70-3824. Catalyst bed ignition system for hydrazine propellants [NASA-CASE-XNP-00876] c28 N70-4131. BONOPULSE ANTENNAS Electronic and mechanical scanning control system for monopulse tracking antenna [NASA-CASE-XGS-05582] c07 N69-2746. Development and characteristics of low-noise multimode monopulse antenna feed system for use with microwave communication equipment [NASA-CASE-XNP-01735] c07 N71-2275. Monopulse scanning network for scanning volumetric antenna pattern [NASA-CASE-GSC-10299-1] c09 N71-2480. MONOPULSE RADAR Polarization diversity monopulse tracking
MOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT BLECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 MOLYBDENUM CARBIDES Flame or plasma spraying for molybdenum coating of carbon or graphite surfaces to prevent oxidative corrosion [NASA-CASE-XLA-00302] c15 N71-16077 MOLYBDENUM COMPOUNDS Method for producing refractory molybdenum disilicides [NASA-CASE-XMS-00370] c17 N71-20941 MOMENTS OF INERTIA Test fixture for measuring moment of inertia of irregularly shaped body with multiple axes [NASA-CASE-XGS-01023] c14 N71-22992 MOMENTUM Utilization of momentum devices for forming attitude control and damping system for spacecraft	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-XLA-00414] c07 N70-3820. Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-1872. HONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] c28 N70-3824. Catalyst bed ignition system for hydrazine propellants [NASA-CASE-XNP-00876] c28 N70-4131. HONOPULSE ANTENNAS Electronic and mechanical scanning control system for monopulse tracking antenna [NASA-CASE-XGS-05582] c07 N69-2746. Development and characteristics of low-noise multimode monopulse antenna feed system for use with microwave communication equipment [NASA-CASE-XNP-01735] c07 N71-2275. Honopulse scanning network for scanning volumetric antenna pattern [NASA-CASE-SCC-10299-1] c09 N71-2480. HONOPULSE RADAR Polarization diversity monopulse tracking receiver design without radio frequency switch
HOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT RLECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 MOLYBDENUM CARBIDES Flame or plasma spraying for molybdenum coating of carbon or graphite surfaces to prevent oxidative corrosion [NASA-CASE-XLA-00302] c15 N71-16077 MOLYBDENUM COMPOUNDS Method for producing refractory molybdenum disilicides [NASA-CASE-XMS-00370] c17 N71-20941 MOMENTS OF INERTIA Test fixture for measuring moment of inertia of irregularly shaped body with multiple axes [NASA-CASE-XGS-01023] MOMENTUM Otilization of momentum devices for forming attitude control and damping system for spacecraft [NASA-CASE-XLA-02551] c21 N71-21708	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-KLA-00414] c07 N70-38200 Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-18720 MONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] c28 N70-38240 Catalyst bed ignition system for hydrazine propellants [NASA-CASE-INP-00876] c28 N70-4131 MONOPULSE ANTENNAS Electronic and mechanical scanning control system for monopulse tracking antenna [NASA-CASE-XGS-05582] c07 N69-27460 Development and characteristics of low-noise multimode monopulse antenna feed system for use with microwave communication equipment [NASA-CASE-XNP-01735] c07 N71-22750 Monopulse scanning network for scanning volumetric antenna pattern [NASA-CASE-GSC-10299-1] c09 N71-24800 MONOPULSE RADAR Polarization diversity monopulse tracking receiver design without radio frequency switch [NASA-CASE-XGS-03501] c09 N71-2086
MOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT BLECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 MOLYBDENUM CARBIDES Flame or plasma spraying for molybdenum coating of carbon or graphite surfaces to prevent oxidative corrosion [NASA-CASE-XLA-00302] c15 N71-16077 MOLYBDENUM COMPOUNDS Method for producing refractory molybdenum disilicides [NASA-CASE-XMS-00370] c17 N71-20941 MOMENTS OF INERTIA Test fixture for measuring moment of inertia of irregularly shaped body with multiple axes [NASA-CASE-XGS-01023] c14 N71-22992 MOMENTUM Utilization of momentum devices for forming attitude control and damping system for spacecraft	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-XLA-00414] c07 N70-3820. Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-1872. HONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] c28 N70-3824. Catalyst bed ignition system for hydrazine propellants [NASA-CASE-XNP-00876] c28 N70-4131. HONOPULSE ANTENNAS Electronic and mechanical scanning control system for monopulse tracking antenna [NASA-CASE-XGS-05582] c07 N69-2746. Development and characteristics of low-noise multimode monopulse antenna feed system for use with microwave communication equipment [NASA-CASE-XNP-01735] c07 N71-2275. Honopulse scanning network for scanning volumetric antenna pattern [NASA-CASE-SCC-10299-1] c09 N71-2480. HONOPULSE RADAR Polarization diversity monopulse tracking receiver design without radio frequency switch
HOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT RLECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 MOLYBDENUM CARBIDES Flame or plasma spraying for molybdenum coating of carbon or graphite surfaces to prevent oxidative corrosion [NASA-CASE-XLA-00302] c15 N71-16077 MOLYBDENUM COMPOUNDS Method for producing refractory molybdenum disilicides [NASA-CASE-XMS-00370] c17 N71-20941 MOMENTS OF INERTIA Test fixture for measuring moment of inertia of irregularly shaped body with multiple axes [NASA-CASE-XGS-01023] MOMENTUM Otilization of momentum devices for forming attitude control and damping system for spacecraft [NASA-CASE-XLA-02551] c21 N71-21708	Monopole antenna system for maximum omnidirectional efficiency for use on satellit [NASA-CASE-XLA-00414] CO7 N70-3820 Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] CO9 N71-1872 MONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] C28 N70-3824 Catalyst bed ignition system for hydrazine propellants [NASA-CASE-XNP-00876] C28 N70-4131 MONOPULSE ANTENNAS Electronic and mechanical scanning control system for monopulse tracking antenna [NASA-CASE-XGS-05582] C07 N69-2746 Development and characteristics of low-noise multimode monopulse antenna feed system for use with microwave communication equipment [NASA-CASE-XNP-01735] C07 N71-2275 Monopulse scanning network for scanning volumetric antenna pattern [NASA-CASE-SCSC-10299-1] C09 N71-2480 MONOPULSE RADAR Polarization diversity monopulse tracking receiver design without radio frequency switch [NASA-CASE-XGS-03501] C09 N71-2086
HOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-XLA-0305] c14 N71-26137 HOLTEN SALT BLECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 HOLYBDENUM CARRIDES Flame or plasma spraying for molybdenum coating of carbon or graphite surfaces to prevent oxidative corrosion [NASA-CASE-XLA-00302] c15 N71-16077 HOLYBDENUM COMPOUNDS Method for producing refractory molybdenum disilicides [NASA-CASE-XLS-00370] c17 N71-20941 MOMENTS OF INZETIA Test fixture for measuring moment of inertia of irregularly shaped hody with multiple axes [NASA-CASE-XGS-01023] c14 N71-22992 HOMENTUM Ottilization of momentum devices for forming attitude control and damping system for spacecraft [NASA-CASE-XLA-02551] c21 N71-21708 Momentum-velocity analyzer for measuring minute space particles	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-XLA-00414] c07 N70-3820. Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-1872. HONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] c28 N70-3824. Catalyst bed ignition system for hydrazine propellants [NASA-CASE-XNP-00876] c28 N70-4131. HONOPULSE ANTENNAS Electronic and mechanical scanning control system for monopulse tracking antenna [NASA-CASE-XGS-05582] c07 N69-2746. Development and characteristics of low-noise multimode monopulse antenna feed system for use with microwave communication equipment [NASA-CASE-XNP-01735] c07 N71-2275. Monopulse scanning network for scanning volumetric antenna pattern [NASA-CASE-XNP-01735] c09 N71-2276. MONOPULSE RADAR Polarization diversity monopulse tracking receiver design without radio frequency switch [NASA-CASE-XGS-03501] c09 N71-2086. Monopulse tracking system with antenna array of three radiators for deriving azimuth and
HOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT BLECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 MOLYBDENUM CARBIDES Flame or plasma spraying for molybdenum coating of carbon or graphite surfaces to prevent oxidative corrosion [NASA-CASE-XLA-00302] c15 N71-16077 MOLYBDENUM COMPOUNDS Method for producing refractory molybdenum disilicides [NASA-CASE-XMS-00370] c17 N71-20941 MOMENTS OF INERTIA Test fixture for measuring moment of inertia of irregularly shaped body with multiple axes [NASA-CASE-XGS-01023] c14 N71-22992 MOMENTUM Otilization of momentum devices for forming attitude control and damping system for spacecraft [NASA-CASE-XLA-02551] c21 N71-21708 Momentum-velocity analyzer for measuring minute space particles [NASA-CASE-XLA-02501] c14 N71-22990	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-XLA-00414] c07 N70-3820 Plexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-1872 HONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] c28 N70-3824 Catalyst bed ignition system for hydrazine propellants [NASA-CASE-XNP-00876] c28 N70-4131 NONOPULSE ANTENNAS Electronic and mechanical scanning control system for monopulse tracking antenna [NASA-CASE-XGS-05582] c07 N69-2746 Development and characteristics of low-noise multimode monopulse antenna feed system for use with microwave communication equipment [NASA-CASE-XNP-01735] c07 N71-2275 Monopulse scanning network for scanning volumetric antenna pattern [NASA-CASE-KNP-01735] c09 N71-2480 MONOPULSE RADAR Polarization diversity monopulse tracking receiver design without radio frequency switch [NASA-CASE-XGS-03501] c09 N71-2480 Monopulse tracking system with antenna array of three radiators for deriving azimuth and elevation indications
MOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT BLECTROLITES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 MOLYBDENUM CARRIDES Flame or plasma spraying for molybdenum coating of carbon or graphite surfaces to prevent oxidative corrosion [NASA-CASE-XLA-00302] c15 N71-16077 MOLYBDENUM COMPOUNDS Method for producing refractory molybdenum disilicides [NASA-CASE-XMS-00370] c17 N71-20941 MOMENTS OF INERTIA Test fixture for measuring moment of inertia of irregularly shaped body with multiple axes [NASA-CASE-XGS-01023] c14 N71-22992 MOMENTUM Utilization of momentum devices for forming attitude control and damping system for spacecraft [NASA-CASE-XLA-02551] c21 N71-21708 Momentum-velocity analyzer for measuring minute space particles [NASA-CASE-XMS-04201] c14 N71-22990 MONITORS	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-KLA-00414] c07 N70-38200 Flexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-18720 HONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] c28 N70-38240 Catalyst bed ignition system for hydrazine propellants [NASA-CASE-XNP-00876] c28 N70-4131 HONOPULSE ANTENNAS Electronic and mechanical scanning control system for monopulse tracking antenna [NASA-CASE-XGS-05582] c07 N69-27460 Development and characteristics of low-noise multimode monopulse antenna feed system for use with microwave communication equipment [NASA-CASE-XNP-01735] c07 N71-22750 Monopulse scanning network for scanning volumetric antenna pattern [NASA-CASE-GSC-10299-1] c09 N71-24800 HONOPULSE RADAR Polarization diversity monopulse tracking receiver design without radio frequency switch [NASA-CASE-XGS-03501] c09 N71-20860 HONOPULSE TRADAR Polarization diversity monopulse tracking receiver design without radio frequency switch [NASA-CASE-XGS-03501] c09 N71-20860 HONOPULSE TRADAR Polarization diversity monopulse tracking receiver design without radio frequency switch [NASA-CASE-XGS-03501] c09 N71-20860 HONOPULSE TRADAR
HOLECULAR SPECTROSCOPY Microwave double resonance spectroscopy absorption cell for gas analysis [NASA-CASE-LAR-10305] c14 N71-26137 MOLTEN SALT BLECTROLYTES Operation method for combined electrolysis device and fuel cell using molten salt to produce power by thermoelectric regeneration. mechanism [NASA-CASE-XLE-01645] c03 N71-20904 MOLYBDENUM CARBIDES Flame or plasma spraying for molybdenum coating of carbon or graphite surfaces to prevent oxidative corrosion [NASA-CASE-XLA-00302] c15 N71-16077 MOLYBDENUM COMPOUNDS Method for producing refractory molybdenum disilicides [NASA-CASE-XMS-00370] c17 N71-20941 MOMENTS OF INERTIA Test fixture for measuring moment of inertia of irregularly shaped body with multiple axes [NASA-CASE-XGS-01023] c14 N71-22992 MOMENTUM Otilization of momentum devices for forming attitude control and damping system for spacecraft [NASA-CASE-XLA-02551] c21 N71-21708 Momentum-velocity analyzer for measuring minute space particles [NASA-CASE-XLA-02501] c14 N71-22990	Monopole antenna system for maximum omnidirectional efficiency for use on satellite [NASA-CASE-XLA-00414] c07 N70-3820 Plexible monopole antenna with broad bandwidth and low voltage standing wave ratio [NASA-CASE-MSC-12101] c09 N71-1872 HONOPROPELLANTS Ignition system for monopropellant combustion devices [NASA-CASE-XNP-00249] c28 N70-3824 Catalyst bed ignition system for hydrazine propellants [NASA-CASE-XNP-00876] c28 N70-4131 NONOPULSE ANTENNAS Electronic and mechanical scanning control system for monopulse tracking antenna [NASA-CASE-XGS-05582] c07 N69-2746 Development and characteristics of low-noise multimode monopulse antenna feed system for use with microwave communication equipment [NASA-CASE-XNP-01735] c07 N71-2275 Monopulse scanning network for scanning volumetric antenna pattern [NASA-CASE-KNP-01735] c09 N71-2480 MONOPULSE RADAR Polarization diversity monopulse tracking receiver design without radio frequency switch [NASA-CASE-XGS-03501] c09 N71-2480 Monopulse tracking system with antenna array of three radiators for deriving azimuth and elevation indications

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monostable pulse generator with o	charge
rundown-timing circuit	-
[NASA-CASE-GSC-11139]	c09 N71-27016
Monostable multivibrator for produc	cing output
Pulse widths with positive feedbag [NASA-CASE-NSC-13492-1]	ct NOR gates c10 N71-28860
HOSSBAUER EFFECT	CIU N/1-28060
Mossbauer spectrometer radiation de	etector
L NASA-CASE∸LAR-11155-11	c14 N74-15091
SOTION	•
Quick attach mechanism for moving of	or stationary
Fires, ropes, or cables [NASA-CASE-XPR-05421]	_4F N74 2000#
OTION PICTORES	c15 N71-22994
Real time moving scene holographic	camera system
[NASA-CASE-MF5-21087-1]	c14 N74-17153
OTION STABILITY	
Hydraulic drive mechanism for level	ing isolation
platforms	45
[NASA-CASE-YMS-03252]	c15 N71-10658
Nonmagnetic thermal motor for magne	tometer
movement	, COME COL
[NASA-CASE-XAR-03786]	c09 N69-21313
System for maintaining motor at pre	determined
speed using digital pulses	
[NASA-CASE-XMF-06892]	c09 N71-24805
Mounting fixture for supporting the	rmobalk in
pipeline	f monarn In
[NASA-CASE-NPO-10158]	c33 N71-16356
Mounting apparatus for temperature	control system
[NASA-CASE-NPO-10138]	c33 N71-16357
Inertial component clamping assembl	y design for
spacecraft guidance and control s [NASA-CASE-XMS-02184]	
Techniques for packaging and mounti	c15 N71-20813
circuit boards	ng printed
[NASA-CASE-MFS-21919-17	c10 N73-25243
Journal bearings	
[NASA-CASE-LEH-11076-3]	c15 N74-10475
OVING TARGET INDICATORS	•
Automatic vehicle location system	-00 275 40040
[NASA-CASE-NPO-11850-1] ULTICHANNEL COMMUNICATION	c09 N74-12912
. Tape quidance system for multichann	ol dimital
recording system	or dryredr
[NASA-CASE-XNP-09453]	c08 N71-19420
Plural channel data transmission sy	
quadrature modulation and complem	entary
demodulation [NASA-CASE-XAC-06302]	-00 v34 403ca
Multichannel medical monitoring sys	c08 N71-19763
measure physiological parameters	
device at remote control station	
[NASA-CASE-MSC-14180-1]	c05 N73-22045
Improved phase lock loop for receive multichannel telemetry system wit	er in
multichannel telemetry system wit carrier	h suppressed
[NASA-CASE-NPO-11593-1]	487 H72. 70847
ULTILAYER INSULATION	c07 N73-28012
Electrode sealing and insulation fo	r fuel cells
containing caustic liquid electro	lytes using
powdered plastic and metal	
[NASA-CASE-KMS-01625] Bultilayer insulation panels for cr	c15 N71-23022
liquid containers	Aodenic
[NASA-CASE-MFS-14023]	c33 N71-25351
Electrical failure detector in soli	
propellant motor insulation again:	
degradation by fuel grain	
[NASA-CASE-IMP-03968]	c14 N71-27186
Procedure for making insulating foi	1 for use in
multilayer insulating system [NASA-CASE-LEH-11484-1]	c15 N73-22415
ULTIPLE BRAH INTERVAL SCANNERS	-12 M/J=42413
Tracking antenna system with array :	for
synchronous satellite or ground b	
[NASA-CASE-GSC-10553-1]	c07 N71-19854
GLTIPLE DOCKING ADAPTERS	-31 34-11
Probe and drogue assembly for mechanic of two space vehicles	nrcar linking
[NASA-CASE-XUS-03613]	c31 N71-16346
Multiple in-line docking capability	
intermeshing docking turrets for a	
space stations	_
[NASA-CASE-MPS-20855-1]	c31 N72-25853
OLTIPLEXING Doppler frequency shift correction (domino for
- Mobbler treducadel purit cottection (SEATCE TOT

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multiplex communication with Applications
       Technology Satellites
       [ NASA-CASE-XGS-02749]
     Multiplexed communication system design
       including automatic correction of transmission
       errors introduced by frequency spectrum shifts [NASA-CASE-XNP-01306] c07 N71-2001
                                                    c07 N71-20814
     Satellite network synchronization system with
       multiple access to multiplex repeater [NASA-CASE-GSC-10390-1] c07
                                                    c07 N72-11149
     Apparatus with summing network for compression
       of analog data by decreasing slope threshold
       sampling
       [ NASA-CASE-NPO-10769]
    Development and characteristics of data
       multiplexer circuit using field effect
transistors arranged in tree switching
       configuration
       [NASA-CASE-NPO-113337
                                                   c08 N72-22162
    Phase detector with time correlation integrator
       for frequency multiplexed signals [NASA-CASE-GSC-11744-1]
    Telemetry and transmission system with
       programmed sampling and multiplexing
        NASA-CASE-GSC-11388-17
                                                    c07 N73-24187
    Television multiplexing system, using single crystal controlled clock for signal
       synchronization
       [NASA-CASE-KSC-10654-1]
                                                    c07 N73-30115
    Asynchronous, multiplexing, single line transmission and recovery data system --- for
       satellite use
      [ NASA-CASE-NPO-13321-1 ]
                                                    c07 N74-19806
HULTIPLIERS
    Pulse duration modulation multiplier system
      [NASA-CASE-XER-09213]
                                                    c07 N71-12390
    Design and development of variable pulse width
       multiplier
       [ NASA-CASE-XLA-02850 ]
    Circuit with differential amplifier for
      synthesizing capacitance multiplier with
       microminiaturized feedback components
      [ NASA-CASE-NPO-11948-1]
HULTISPECTRAL PROTOGRAPHY
    Computerized optical system for producing multiple images of a scene simultaneously [NASA-CASE-MSC-12404-1] c23 N73
[NASA-CASE-MOCTIZATION]
HULTISTAGE ROCKET VEHICLES
Techniques for recovery of multistage rocket
vehicles by providing lifting surfaces on
                                                   c23 N73-13661
   individual sections
[NASA-CASE-XMF-00389]
Steerable solid propellant rocket motor adapted to effect payload orientation as multistage
      rocket stage or reduce velocity as retrorocket
      [NASA-CASE-XNP-00234]
                                                  c28 N70~38645
    Multi-mission space vehicle module stage design [NASA-CASE-XMF-01543] c31 N77-17730
    Separation mechanism for use between stages of
      multistage rocket vehicles [NASA-CASE-XLA-00188]
    Development of remotely controlled shaped charge
      for lateral displacement of rocket stages
      after separation [NASA-CASE-XLA-04804]
   Frangible connecting link suitable for rocket
      stage separation
      [ NASA-CASE-MSC-11849-11
HULTIVIBRATORS
   Extra-long monostable multivibrator employing bistable semiconductor switch to allow
      charging of timing circuit
      [NASA-CASE-XGS-00381]
                                                   c09 N70-34819
   Variable frequency magnetic coupled multivibrator with temperature compensated
      frequency control circuit
      [NASA-CASE-XGS-00458]
                                                   c09 N70-38604
   Variable frequency magnetic coupled
      Bultivibrator with output signal of constant amplitude and waveform
      [NASA-CASE-XGS-00131]
                                                   c09 N70-38995
   Improved semiconductor multivibrator circuit which approaches 100 percent efficiency [NASA-CASE-XAC-00942] c10 N71-Transistorized dc-coupled multivibrator with
      noninverted output signal
      [NASA-CASE-XNP-09450]
   One shot multivibrator circuit for producing
      long duration output pulses
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[NASA-CASE-ARC-10137-1] c09 N71-28468	RITRILES
MUSCULOSKELETAL SYSTEM Method and apparatus for applying compressional	Intumescent paint containing nitrile rubber for fire protection
sommer to skeletal structure of Subject to	[NASA-CASE-ARC-10196-1] C18 N73-13562
simulate force during ambulatory conditions	NITROAMINES Nitroaniline sulfate, intumescent paints
[NASA-CASE-ARC-10100-1] c05 N71-24738	[NASA-CASE-ARC-10099-1]
N	Mercaptan terminated polymer containing sulfonic acid Salts of nitrosubstituted aromatic amines
NACELLES	for heat and moisture resistant coatings
Deflector for preventing objects from entering	[NASA-CASE-ARC-10325] c06 N72+25147 HITROGEN TETROXIDE
nacelle inlets of jet aircraft [NASA-CASB-XLE-00388]	Gas chromatographic method for determining water
ifterhurner-equipped jet engine bacelle with	in nitrogen tetroxide rocket propellant [NASA-CASE-NPO-10234] c06 N72-17094
slotted configuration afterbody [NASA-CASE-XLA-10450] c28 N71-21493	NITROGUANIDINE
NAVIGATION SATELLITES Satellite aided aircraft collision avoidance	Solid propellant stabilizer containing nitroquanidine
system effective for large number of aircraft	[NASA-CASE-NPO-12000] c27 N72-25699
[NASA-CASE-ERC-10090] C21 N71-24948	MOBLE METALS Development and characteristics of device for
NEAR INFRARED BADIATION Collimator for analyzing spatial location of	applying multiple layers of noble metal to
near and distant sources of radiation	glass substrate for protection of optical surfaces
DECETTER PERDRICK	[NASA-CASE-LAR-10362-1] c15 N72-27486
Complementary regenerative transistorized switch circuit employing positive and negative feedback	NOISE GENERATORS Pseudo-noise test set for communication system
[NASA-CASE-XGS-02751] co9 N71-23015	evaluation
METHORK SYNTHESIS Left and right hand circular electromagnetic	[NASA-CASE-MFS-22671-1] C14 N74-13146 ROISE METERS
polarization excitation by phase shifter and	Jet aircraft noise and sonic boom measuring device which converts sound pressure into
hybrid networks [NASA-CASE-GSC-10021-1] c09 N71-24595	electric current
High speed phase detector design indicating	[NASA-CASE-LAR-11173-1] c14 N73-22387 NOISE REDUCTION
phase relationship between two square wave input signals	Upper surface, external flow, jet-augmented flap
[NASA-CASE-XNP-01306-2] CO9 N71-24596	configuration for high wing jet aircraft for noise reduction
NEUTRONS Focusing optical collimator for high resolution	[NASA-CASE-KLA-00087] C02 N70-33332
scanning of electromagnetic radiations,	Cassegrain antenna subreflector flange for suppressing ground noise and increasing
neutrons, and other particles -[NASA-CASE-MFS-20932-1] c14 N73-27380	antenna transmitting efficiency
NICKEL	[NASA-CASE-XNP-00683] c09 N70-35425 Device for adding water to high velocity exhaust
Process for producing dispersion strengthened nickel with aluminum comprising metallic	jets to reduce velocity, noise, and temperature
matrices embedded with oxides or other hyperfine compounds	variable time constant, wide frequency range
[NASA-CASE-XLE-06969] C17 N71-24142	smoothing network for noise removal from pulse
Selective nickel deposition on irradiation sensitive compounds	chains [NASA-CASE-XGS-01983] c10 N70-41964
[NASA-CASE-LEW-10965-1] c15 N72-25452	pigital telemetry system apparatus to reduce tape recorder wow and flutter noise during
NICKEL ALLOYS Preparation of nickel alloys for jet turbine	playback
blades operating at high temperatures	[NASA-CASE-XGS-01812] c07 N71-23001 Audio signal processing system for noise surge
[NASA-CAŠE-XLE-00151] c17 N70-33283 Nickel alloy series for aerospace structures	elimination at low amplitude audio input
subjected to high temperatures	[NASA-CASE-MSC-12223-1] C07 N71-26181 Variable frequency nuclear magnetic resonance
[NASA-CASE-XLE-00283] c17 N70-36616 Nickel base alloy with resistance to oxidation	spectrometer providing drive signals over wide
at high temperatures and superior	frequency range and minimizing noise effects [NASA-CASE-XNP-09830] c14 N71-26266
stress-rupture properties [NASA-CASE-XLE-02082] c17 N71-16026	woise elimination in coherent imaging system by
High strength nickel based alloys	arial rotation of optical lense for spectral distribution of degrading affects
[NASA-CASE-LEW-10874-1] c17 N72-22535 Diffusion welding heat treatment of nickel	FNASA-CASE-GSC-11133-11 C23 N72-11508
alloys following single step vacuum welding	Transonic propulsion fan for turbofan engine with rotor blade spacing designed to minimize
process [NASA-CASE-LEW-11388-2] c15 N74-21055	noise emission
NICKEL CADMIUM BATTERIES Calorimeter for measuring thermal output of	[NASA-CASE-LEW-11402-1] C28 N/2-20//U Audio equipment for removing impulse noise from
nickel cadmium batteries	audio signals
[NASA-CASE-GSC-11434-1] c14 N72-27430 NICKEL COATINGS	Jet aircraft exhaust nozzle for noise reduction
Intermetallic chromium containing nickel	[NASA-CASE-LAR-10951-1] c28 N73-19819 Reduction of jet engine noise due to turbulent
aluminide for high temperature Corrosion protection of stainless steels	mixing of exhaust gases with ambient atmosphere
[NASA-CASE-LEW-11267-1] c17 N73-32414	[NASA-CASE-ARC-10712-1] c28 N73-20826 Shrouded divergent body attached to exhaust
NICKEL COMPOUNDS Including didymium hydrate in nickel hydroxide	nozzle for jet noise suppression
of positive electrode of storage batteries to	[NASA-CASE-IEW-11286-1] C02 N73-21000
increase ampere hour capacity [NASA-CASB-XGS-03505] c03 N71-10608	elements for installation in exhaust and inlet
NICKEL PLATE	ducts of turbofan engine to reduce aircraft engine noise intensity
Nickel plating onto etched aluminum castings [NASA-CASE-XNP-04148] c17 N71-24830	r nása=case+tar+11141-1] c02 N73-22975
NIOBIUM Organometallic compounds of miobium and tantalum	Development of aircraft configuration for reduction of jet aircraft noise by exhausting
useful for film deposition	engine gases over upper surface of wing
[NASA-CASE-XNP-04023] c06 N71-28808	[NASA-CASE-LAR-11087-1] c02 N73-26008

Method and apparatus for improving operating	NOTCH TESTS
efficiency and reducing low speed noise for	Wee-notching device with adjustable carriage
turbine aircraft engines [NASA-CASE-LAR-11310-1] c28 N73-31699	[NASA-CASE-MFS-20730-1]
Method for eliminating noise and debris of	High thrust annular liquid propellant rocket
explosive welding techniques by using complete	engine and exhaust nozzle design
enclosure [NASA-CASE-LAR-10941-2] c15 N73-32371	[NASA-CASE-XLE-00078]
Gas turbine exhaust nozzle for noise reduction	Penshaped, supersonic exhaust nozzle design [NASA-CASE-XLE-00057] c28 N70-38711
[NASA-CASE-LEH-11569-1] c28 N74-15453	Telescoping-spike supersonic nozzle for turbojet
Totally confined explosive welding apparatus	or ramjet engines
to reduce noise level and protect personnel during explosive bonding	[NASA-CASE-XLE-00005] C28 N70-39899 Automatically deploying nozzle exit come extension
[NASA-CASE-LAR-10941-1] c15 N74-21057	[NASA-CASE-XLE-01640] c31 N71-15637
CISE TEMPERATURE	Propellant injection assembly having
Input radio frequency circuit for switching type	individually removable and replaceable nozzles
absolute temperature measuring radiometer for noise sources	for liquid fueled rocket engines [NASA-CASE-XMF-00968] c28 N71-15660
[NASA-CASE-ERC-11020] c14 N71-26774	Development of collapsible nozzle extension for
CISE THRESHOLD	rocket engines
Threshold extension device for improving Operating performance of frequency modulation	[NASA-CASE-MFS-11497] c28 N71-16224
demodulators by eliminating click-type noise	Design and development of gas turbine combustion unit with nozzle quide vanes for introducing
impulses	diluent air into combustion gases
[NASA-CASE-MSC-12165-1] c07 N71-33696	[NASA-CASE-XLE-103477-1] c28 N71-20330
OBDESTRUCTIVE TESTS Nondestructive radiographic tests of resistance	Prestressed rocket nozzle with ceramic inner rings and refractory metal outer rings
telds	[NASA-CASE-XNP-02888] c18 N71-21068
[NASA-CASE-XNP-02588] c15 N71-18613	Scanning nozzle plating system for etching or
Space environment simulator for testing spacecraft components under aerospace conditions	plating metals on substrates without masking
[NASA-CASE-NPO-10141] c11 N71-24964	[NASA-CASE-NPO-11758-1] c15 N72-28507 NOZZLE PLOB
Apparatus for semiautomatic inspection of	System for aerodynamic control of rocket
microfilmed documents for density, resolution,	vehicles by secondary injection of fluid into
size, and position [NASA-CASE-MFS-20240] c14 N71-26788	nozzle exhaust stream [NASA-CASE-XLA-01163] c21 N71-15582
Dye penetrant and technique for nondestructive	[NASA-CASE-XLA-01163] c21 N71-15582 Constructing fluid spike nozzle to eliminate
tests of solid surfaces contacted by liquid	heat transfer and high temperature problems
oxygen [NASA-CASE-XMF-02221] c18 N71-27170	inherent in physical spikes
Method and photodetector device for locating	[NASA-CASE-IGS-01143] c31 N71-15647 Electronic recording system for spatial mass
abnormal voids in low density materials	distribution of liquid rocket propellant
[NASA-CASE-MFS-20044]	droplets or vapors ejected from high velocity
Bolographic system for nondestructive testing [NASA-CASE-MPS-21704-1] c16 N73-30478	nozzles [NASA-CASE-NPO-10185] c10 N71-26339
ONEQUILIBRIUM PLASMAS	[NASA-CASE-NPO-10185] c10 N71-26339 Tertiary flow injection system for thrust
Plasma probes having quard ring and primary	vectoring of propulsive nozzle flow
sensor at same potential to prevent stray wall current collection in ionized gases	[NASA-CASE-NFS-20831] c28 N71-29153 NOZZLE INSERTS
[NASA-CASE-XLE-00690] c25 N69-39884	Flexible rocket motor nozzle closure device to
ONFLAHHABLE HATERIALS	aid ignition and protect rocket chamber from
Intumescent paint containing nitrile rubber for fire protection	foreign objects
[NASA-CASE+ARC-10196-1] c18 N73-13562	[NASA-CASE-XLA-02651] c28 N70-41967 NUCLEAR AUXILIARY POHER UNITS
Process for developing flame retardant	Control circuit for nuclear thermionic converter
elastomeric composition textiles for use in space suits	power source for spacecraft
[NASA-CASE-MSC-14331-1] c18 x73-27501	[NASA-CASE-NPO-13114-1] c22 N73-13656 BUCLBAR ELECTRIC POHER GENERATION
DNLIBEAR FREDBACK	Nuclear electric generator for accelerating
Design of nonlinear coherence receiver with	charged propellant particles in electrostatic
feedback signal selection for carrier tracking in telecommunications	propulsion system [NASA-CASE-XLE-00818] c22 N70-34248
[NASA-CASE-NPO-11921-1] c07 N73-23118	NOCLEAR EXPLOSION EFFECT
ONLINEAR SYSTRES	Development of method for protecting large and
Detector assembly for discriminating first signal with respect to presence or absence of	oddly shaped areas from radiant and convective heat
second signal at time of occurrence of first	[NASA-CASE-XNP-01310] c33 N71-28852
signal	BUCLEAR PUEL BURNUP
[NASA-CASE-XMF-00701] c09 N70-40272 Describing continuous analog to digital	Los cost efficient thermionic converter for use
converter with parallel digital output and	in nuclear reactors [NASA-CASE-NPO-13121-1]
nonlinear feedback	BUCLEAR PUBL BLEBERTS
[NASA-CASE-XAC-04031] c08 x71-18594	Tungsten-coated tungsten-uranium dioxide nuclear
Split range transducer [NASA-CASE-XIA-11189] c10 N72-20222	fuel plates [NASA-CASE-XLE-00209] c22 N73-32528
DSE COMES	[NASA-CASE-NIE-00209] c22 N73-32528 BUCLEAR FUELS
Automatically deploying nozzle exit cone extension	Two step process for cladding nuclear fuels with
[NASA-CASE-ILE-01640] c31 N71-15637	tungsten
Nose come nounted heat resistant antenna comprising plurality of adjacent layers of	[NASA-CASE-XNP-03704] c15 N71-17695
silica not introducing paths of high thermal	Converging coaxial plasma accelerator for
conductivity through ablative shield	generating dense high velocity plasma bursts
[NASA-CASE-XMS-04312] c07 N71-22984	[NASA-CASE-ARC-10109] c25 N71-29181
Nose gear steering system for vehicles with main	Variable frequency nuclear magnetic resonance
skids to provide directional stability after	Spectrometer providing drive signals over wide
loss of aerodynamic control [NASA-CASE-XLA-01804] c02 N70-34160	frequency range and minimizing noise effects
UKUB	[NASA-CASE-XNP-09830] c14 N71-26266

NUCLEAR POWER PLANTS	ONBOARD EQUIPMENT
nevelopment and characteristics of Natural	Survival couch for aircraft or spacecraft crews [NASA-CASE-XLA-00118] c05 N70-33285
circulation radiator for use with nuclear power plants installed in lunar space stations	Cryogenic storage system for gases onboard
[NASA-CASE-XEQ-03673] c33 N71-29046	spacecraft
NUCLEAR REACTOR CONTROL	[NASA-CASE-XMS-04390] c31 N70-41871
theorbing gas reactivity control system for	Piber optic transducers for monitoring and analysis of vibration in aerospace vehicles
minimizing power distribution and perturbation	and onboard equipment
in nuclear reactors [NASA-CASE-XLE-04599] c22 N72-20597	[NASA-CASE-XMF-02433] c14 N71-10616
NUCLEAR REACTORS	Design and construction of satellite appendage
Low cost efficient thermionic converter for use	tie-down cord [NASA-CASE-XGS-02554] c31 N71-21064
in nuclear reactors (NASA_CASR=NPO=13121=11	[NASA-CASE-XGS-02554] C31 N/1-21064 Satellite aided aircraft collision avoidance
[NASA-CASE-NPO-13121-1] c22 N73-12702 NUCLEAR ROCKET ENGINES	system effective for large number of aircraft
Nuclear gaseous reactor for heating working	[NASA-CASE-ERC-10090] C21 N71-24948
fluid to high temperatures	Closed loop servosystem for variable speed tape
[NASA-CASE-XLE-00321] c22 N70-34572	recorders onboard spacecraft [NASA-CASE-NPO-10700] c07 N71-33613
NUCLEATE BOILING Method for improving heat transfer	Collapsible couch system for manned space vehicles
characteristics in nucleate boiling process	[NASA-CASE-MSC-13140]
[NASA-CASE-XMS-04268] C33 N71-16277	Monostable multivibrator for conserving power in
BULL ZONES	spacecraft systems [NASA-CASE-GSC-10082-1] c10 N72-20221
Manual control mechanism for adjusting control rod to null position	Delayed simultaneous appendage release mechanism
[NA5A-CASE-XLA-01808] c15 N71-20740	for use on spacecraft equipped with despin
NUMERICAL CONTROL	mechanisms and releasable components
Digital sensor for counting fringes produced by	[NASA-CASE-GSC-10014-1] c03 N73-20039 Electronic strain level counter on in-flight
interferometers with improved sensitivity and one photomultiplier tube to eliminate	aircraft
alignment problem	[NASA-CASE-LAR-10756-1] c32 N73-26910
[NASA-CASE-LAR-10204] c14 N71-27215	OPHTHALMOLOGY
AUHERICAL INTEGRATION	Ultrasonic device for ophthalmic eye surgery with safe removal of macerated material
Apparatus for computing square roots [NASA-CASE-XGS-04768] C08 N71-19437	[NASA-CASE-LEW-11669-1] c05 N73-27062
[NASA-CASE-IGS-04768] COUNTI-1943/ Binary concatenated coding system to measure,	OPTICAL COMMUNICATION
count, and record numerical information using	Pabry-Perot interferometer retrodirective
minimized number of digits	reflector modulator for optical communication [NASA-CASE-XGS-04480] c16 N69-27491
[NASA-CASE-MSC-14082-1] c08 N73-16163	[NASA-CASE-XGS-04480] c16 N69-27491 Specifications and drawings for semipassive
NUTATION Plexible turnstile antenna system for reducing	optical communication system
nutation in spin-oriented satellites	[NASA-CASE-XLA-01090] c07 N71-12389
f NASA-CASE-XMF-00442] c31 N71-10747	Optical communication system with gas filled
Nutation damper for use on spinning body [NASA-CASE-GSC-11205-1] c15 N73-25513	waveguide for laser beam transmission [NASA-CASE-HQN-10541-4] c16 N71-27183
[NASA-CASE-GSC-11205-1] c15 N73-25513 NUTS (FASTEMERS)	Development and characteristics of optical
Contamination free separation nut eliminating	communications system based on modulation of
combustion products from ambient surroundings	light beams { NASA-CASE-XLA-01090 l
generated by squib firing TNASA-CASE-XGS-019711 c15 N71-15922	[NASA-CASE-XLA-01090] c16 R/1-28963 Righ resolution radar transmitting system for
[NASA-CASE-XGS-01971] c15 N71-15922 Split nut and bolt separation device	transmitting optical pulses to targets
[NASA-CASE-XNP-06914] c15 N71-21489	[NASA-CASE-NPO-11426] c07 N73-26119
Device for securing together structural members	OPTICAL COUPLING Automatic quadrature control and measuring system
with axially stretched bolt and nut (NASA-CASE-GSC-11149-1] c15 N73-30457	using optical coupling circuitry
[MR34-036-11143-1]	[NASA-CASE-MFS-21660-1] c14 N74-21017
Ω	OPTICAL DATA PROCESSING
	Optical data processing system using paraboloidal reflecting surfaces
O RING SEALS High pressure four-way valve with O ring adapted	[NASA-CASE-GSC-11296-1] c23 N73-30666
to pass across inlet port	Recorder/processor apparatus for optical
[NASA-CASE-XNP-00214] c15 N70-36908	data processing
OHNMETERS	[NASA-CASE-GSC-11553-1] CO7 N74-15831
Development of electrical system for indicating optimum contact between electrode and metal	OPTICAL EMISSION SPECTROSCOPY Maksutov spectrograph for low light level research
surface to permit improved soldering operation	[NA5A-CASE-XLA-10402] C14 N71-29041
[NASA-CASE-RSC-10242] c15 N72-23497	OPTICAL EQUIPMENT
OILS	Detection instrument for light emitted from ATP
Color photointerpretation of interference colors reflected from thin film oil-coated components	biochemical reaction [NASA-CASE-XGS-05534] c23 N71-16355
in moving gases for gas flow visualization	Optical characteristics measuring apparatus
[NASA-CASE-XMF-01779] c12 N71-20815	[NASA-CASE-INP-08840] c23 N71-16365
Cross linked polymer system for oil of fat	Combined optical attitude and altitude
absorption properties [NASA-CASE-NPO-11609-1] c06 N72-22114	indicating instrument for use in aircraft or spacecraft
[NASA-CASE-NPO-11609-1] c06 N72-22114 OHNIDIRECTIONAL ANTENNAS	[NASA-CASE-XLA-01907] c14 N71-23268
Microwave ominidirectional antenna for use on	Design and development of optical interferometer
spacecraft	with laser light source for application to
[NASA-CASE-XLA-03114] c09 N71-2288B	schlieren systems (NASA-CASE-XLA-04295] c16 N71-24170
Vertically stacked collinear array of independently fed omnidirectional antennas for	[NASA-CASE-XLA-04295] c16 N71-24170 Highly stable optical mirror assembly optimizing
use in collision warning systems on commercial	image quality of light diffraction patterns
aircraft	[NASA-CASE-ERC-10001] c23 N71-24868
[NASA-CASE-LAR-10545-1] c09 N72-21244	Optical device containing rotatable prism and
Omnidirectional antenna array with circumferential slots for mounting on	reflecting mirror for generating precise angles [NASA-CASE-XGS-04173] c19 N71-26674
cylindrical space vehicle	Development and characteristics of Petzval type
[NASA-CASE-LAR-10163-1] CO9 N72-25247	objective including field shaping leas for
	focusing light of specified wavelength band on

curved photoreceptor	OPTICAL HEASURING INSTRUMENTS
[NASA-CASE-GSC-10700] c23 N71-30027	Design and development of optically pumped
Optical vision testing unit for testing eyes and	resonance magnetometer for determining
Visual system of human subject	vectoral components in spatial coordinate syste
[NASA-CASE-MSC-13601-1] c05 N72-11088 slotted fine-adjustment support for optical	[NASA-CASE-KGS-04879] c14 N71-2042
devices '	Optical gauging system for monitoring machine
[NASA-CASE-MFS-20249] c15 N72-11386	tool alignment [NASA-CASE-NAC-09489-1]
Development of process for constructing	Optical system for selecting particular
protective covers for solar cells	wavelength light beams from multiple
[NASA-CASE-GSC-11514-1] c03 N72-24037	wavelength light source
Development of light sensing system for	[NASA-CASE-ERC-10248] c14 N72-1732
controlled orientation of object relative to	Optical sensing of supersonic flows by
sun or other light source [NASA-CASE-NPO-11311] c14 N72-25414	correlating deflections in laser beams through
Development and characteristics of device for	flow [NASA-CASE-MFS-20642] c14 N72-2140
applying multiple layers of noble metal to	OPTICAL PATHS
glass substrate for protection of optical	Optical instruments
, surfaces	[NASA-CASE-MSC-14096-1] c14 N74-15095
[NASA-CASE-LAR-10362-1] c15 N72-27486	OPTICAL PROPERTIES
Borescope with adjustable hinged telescoping optical system	Remote-reading torquemeter for use where high
[NASA-CASE-MFS-15162] c14 N72-32452	horsepowers are transmitted at high rotative
Development and characteristics of cyclically	speeds [NASA-CASE-XLE-00503] C14 N70-34818
operable, optical shutter for use as focal	Quasi-optical microwave circuit with dielectric
plane shutter for transmitting single	body for use with oversize wavequides
radiation pulses	[NASA-CASE-ERC-10011] c07 N71-29065
[NASA-CASE-NPO-10758] c14 N73-14427	Development of light sensing system for
Development of strain gage ambiguity sensor for	controlled orientation of object relative to
measuring alignment of optical mirror segments [NASA-CASE-HFS-20506-1] c14 N73-17563	sun or other light source
Method for producing reticles for use in outer	[NASA-CASE-NPO-11311] c14 N72-25414 Design and development of light sensing device
space	for controlling orientation of object relative
[NASA-CASE-GSC-11188-2] c21 N73-19630	to sun or other light source
Method and equipment for locating earth infrared	[NASA-CASE-NPO-11201] c14 N72-27409
horizon from space, independent of season and	Device and method for determining X ray
latitude [NASA-CASE-LAR-10726-1] c14 N73-20475	reflection efficiency, scattering properties,
[NASA-CASE-LAR-10726-1] c14 N73-20475 Optical imaging system for increasing light	and surface finish of optical surfaces [NASA-CASE-MFS-20243] c23 N73-13662
absorption efficiency of imaging detector	[NASA-CASE-MFS-20243] c23 N73-13662 Ultraviolet and thermally stable polymer
[NASA-CASE-ARC-10194-1] c23 N73-20741	compositions poly/(diarylsiloxy)/arylazines
Development of optical system for detecting	[NASA-CASE-ARC-10592-2] c06 N74-11926
defective components in rotating machinery	Formation of star tracking reticles
with emphasis on bearing assemblies [NASA-CASE-KSC-10752-1] c15 N73-27407	[NASA-CASE-GSC-11188-3] c14 N74-20008 Optically actuated two position mechanical mover
Development and characteristics of single	[NASA-CASE-NPO-13105-1] c15 N74-21060
reflector interference spectrometer and	OPTICAL PUMPING
associated drive system	Xenon flashlamp driver system for optical laser
[NASA-CASE-NPO-11932-1] c14 N73-29438 Development of technique and apparatus for	pumping functions and the pumping the pump
optically detonating insensitive high explosives	[NASA-CASE-ERC-10283] c16 N72-25485 Development of laser head for simultaneous
[NASA-CASE-NPO-11743-1] c33 N73-29959	optical pumping of several dye lasers
Attitude sensor	[NASA-CASE-LAR-11341-1] c16 N73-25564
[NASA-CASE-LAR-10586-1] c14 N74-15089	OPTICAL PYROHETERS
Pormation of star tracking reticles [NASA-CASE-GSC-11188-3] c14 N74-20008	Filter arrangement for controlling light
[NASA-CASE-GSC-11188-3] c14 N74-20008 Laser system with an antiresonant optical ring	intensity in motion picture camera used in
optical properties and performance of beam	optical pyrometry [NASA-CASE-XLA-00062] c14 N70-33254
splitter with equal transmission and	OPTICAL RADAR
reflection coefficients	Acquisition and tracking system for optical radar
[NASA-CASE-HQN-10844-1] c16 N74-20118	[NASA-CASE-MFS-20125] c16 N72-13437
Method and apparatus for optically monitoring	OPTICAL RANGE FINDERS
the angular position of a rotating mirror	Blectro-optical attitude sensing device for
[NASA-CASE-GSC-11353-1] c23 N74-21304 OPTICAL FILTERS	landing approach of flight vehicle
Lens assembly for solar furnace or solar simulator	[NASA-CASE-XMS-01994-1] c14 N72-17326 Optical range finder using reflective first
[NASA-CASE-XNP-04111] c14 N71-15622	surfaces mirror and transmitting beam splitter
Noise elimination in coherent imaging system by	[NASA-CASE-MSC-12105-1] c14 N72-21409
axial rotation of optical lense for spectral	OPTICAL REFLECTION
distribution of degrading affects	Hybrid holographic system using reference,
[NASA-CASE-GSC-11133-1] c23 N72-11568 Pamily of physical correction filters for	transmitted, and reflected beams simultaneously
improving optical quality of image	[NASA-CASE-MFS-20074] c16 N71-15565 Optical device containing rotatable prism and
[NASA-CASE-BQN-10542-1] C23 N72-21663	reflecting mirror for generating precise angles
OPTICAL HETERODYNING	[NASA-CASE-XGS-04173] c19 N71-26674
Computerized optical system for producing	Illumination system design for use as sunlight
multiple images of a scene simultaneously	simulator in space environment simulators with
[NASA-CASE-MSC-12404-1]	multiple light sources reflected to single
OPTICAL HEASUREMENT Passive optical wind and turbulence remote	Virtual source
detection system	[NASA-CASE-HON-10781] c23 N71-30292 Composition of diffuse reflective coating
[NASA-CASE-XMF-14032] C20 N71-16340	containing sodium chloride in combination with
Ellipsoidal mirror reflector for measuring	diol solvent and organic setting and drying
reflectance	agents
[NASA-CASE-XGS-05291] c23 N71-16341	[NASA-CASE-GSC-11214-1] CO6 N73-13128
Development and characteristics of single reflector interference spectrometer and	Ultraviolet light reflective coating
associated drive system	[NASA-CASE-GSC-11786-1] c18 N74-10542 OPTICAL RESONANCE
[NASA-CASE-NPO-11932-1] c14 N73-29438	Design and development of optically pumped

resonance magnetometer for determ vectoral components in spatial co	ining	Organic amine and nitroaromatic mix	ed compound
	ordinate system	for heat change detection in micr	
[NASA-CASE-XGS-04879]	c14 N71-20428	components	
OPTICAL SCANNERS		[NASA-CASE-NPO-10764-2] Analysis of volatile organic compou	c10 N73-20259
Optical scanner mounted on rotating structure with method of compensa	ting for	quantitative and qualitative anal	
image or satellite rotation	.czag z-z	amounts in gas samples	,
[NASA-CASE-XGS-02401]	c14 N69-27485	[NASA-CASE-MSC-14428-1]	c06 E74-19776
Optical apparatus for visual detect	ion of	ORGANOMETALLIC COMPOUNDS	
roundness and regularity of cone [NASA-CASE-IMF-00462]	c14 N70-34298	Anmonium perchlorate composite prop organic Cu/II/ chelate catalytic	
Electro-optical system with scan-in		[NASA-CASE-LAR-10173-1]	c27 N71-14090
and scan-out photosensor for scan	ning variable	Organometallic compounds of miobium	and tantalum
transmittance objects	45	useful for film deposition	-06 -24 00000
[WASA-CASE-NPO-11 106]	c14 N70-34697	[NASA-CASE-INP-04023]	c06 #71-28808
Multi-lobar scan horizon sensor [NASA-CASE-XGS-00809]	c21 N70-35427	ORGANOMETALLIC POLYMERS Chemical synthesis of thermally sta	ble
Optical scanner with linear housing		organometallic polymers with diva	
camera		ion and tetraphenylphosphonitrili	
[NASA-CASE-NPO-11002]	c14 N72-22441	[WASA-CASE-HQN-10364]	c06 N71-27363
Focusing optical collimator for high		Thiophenyl ether disiloxanes and tr	isiloxanes
scanning of electromagnetic radia	tions,	useful as lubricant fluids [MASA-CASB-MPS-22411-1]	c15 174-21058
neutrons, and other particles [WASA-CASE-MFS-20932-1]	c14 N73-27380	ORIFICE PLOW	CIJ 114-21036
Spacecraft attitude sensing system		Relief valve to permit slow and fas	t bleeding
narrow field of view sensor rotat		rates at difference pressure leve	ls
spacecraft x-y axis		[NASA-CASB-XMS-05894-1]	c15 N69-21924
[MASA-CASE-GSC-10890-1]	c21 1173-30640	ORIFICES	
Manually and automatically operable switching system	Ardéo	Rocket engine injector orifice to a changes in density, velocity, and	
[NASA-CASE-KSC-10782-1]	c07 N73-32063	thereby maintaining constant mass	
Optical instruments		propellant into rocket combustion	
[NASA-CASB-MSC-14096-1]	c14 N74-15095	[HASA-CASE-XLE-03157]	c28 N71-24736
OPTICAL TRACKING		ORTHOGONAL MULTIPLEXING THEORY	£
Sun tracker with rotatable plane-pa	tatter brate	Bocoders designed to generate comma	
and two photocells [NASA-CASE-XGS-01159]	c21 N71-10678	biorthogonal Reed-Muller type cod conversion of 64 6-bit words into	
Optical tracker with pair of FM ret		data for communication purposes	
patterns 90 deg out of phase	,	[WASA-CASE-NPO-10595]	c10 N71-25917
[NASA-CASE-XGS-05715]	c23 N71-16100	ORTHOGONALITY	_
Tracking mount for laser telescope		Device for measuring two orthogonal	
tracking large rockets and space give information regarding azimut		of force with gallium flotation o target for use in vacuum environm	
[NASA-CASE-HFS-14017]	c14 N71-26627	[NASA-CASE-NAC-04885]	c14 N71-23790
OPTINISATION		ORTHOTROPIC CYLINDERS	
Power point tracker for maintaining	optimal	Method for shaping regeneratively of	
output voltage of power source		BATAY COCIDA BARIDA BIDIBUD THICK	ness at each
F WA CA _CACP_ CCC_ 40 776 _ 4 7	416 NT4-27667	motor casing having minimum thick	nubb at cuon
[NASA-CASE-GSC-10376-1]	c14 N71-27407	channel cross section	
ORBITAL MECHANICS		channel cross section [NASA-CASE-ILE-00409]	c28 N71-15658
	ttle system	channel cross section	c28 N71-15658 casing with
ORBITAL MECHANICS Design and development of space shu for delivering payload to earth o celestial orbit	ttle system	channel cross section [MASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channel cross section for	c28 N71-15658 casing with m thicknesses
ORBITAL MECHANICS Design and development of space shu for delivering payload to earth o celestial orbit [NASA-CASE-MSC-12391]	ttle system	channel cross section [MASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channel cross section for strength requirements	c28 N71-15658 casing with m thicknesses necessary
ORBITAL MECHANICS Design and development of space shu for delivering payload to earth o celestial orbit [NASA-CASE-MSC-12391] ORBITAL SPACE STATIONS	ttle system rbit or c30 N73-12884	channel cross section [NASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channel cross section for strength requirements [NASA-CASE-ILE-05689]	c28 N71-15658 casing with m thicknesses
ORBITAL MECHANICS Design and development of space shad for delivering payload to earth of celestial orbit [NASA-CASE-MSC-12391] ORBITAL SPACE STATIONS Radial module manned space station	ttle system rbit or c30 N73-12884	channel cross section [MASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channel cross section for strength requirements [MASA-CASE-ILE-05689] OSCILLATION DAMPERS	c28 N71-15658 casing with m thicknesses necessary c28 N71-15659
ORBITAL MECHANICS Design and development of space shu for delivering payload to earth o celestial orbit [NASA-CASE-MSC-12391] ORBITAL SPACE STATIONS	ttle system rbit or c30 N73-12884	channel cross section [NASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channel cross section for strength requirements [NASA-CASE-ILE-05689]	c28 N71-15658 casing with m thicknesses necessary c28 N71-15659
ORBITAL MECHANICS Design and development of space shu for delivering payload to earth of celestial orbit [NASA-CASE-MSC-12391] ORBITAL SPACE STATIONS Radial module manned space station artificial gravity environment [NASA-CASE-XMS-01906] Internal and external serpentine defined.	cttle system crbit or c30 N73-12884 with c31 N70-41373 vices for	channel cross section [MASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channel cross section for strength requirements [MASA-CASE-ILE-05689] OSCILLATION DAMPERS Design and operation of viscous pen [NASA-CASE-ILA-02079] Stabilization system for gravity-or	c28 N71-15658 casing with m thicknesses necessary c28 N71-15659 dulum damper c12 N71-16894 iented
ORBITAL MECHANICS Design and development of space shu for delivering payload to earth of celestial orbit [NASA-CASE-MSC-12391] ORBITAL SPACE STATIONS Radial module manned space station artificial gravity environment [NASA-CASE-XMS-01906] Internal and external serpentine deperforming physical operations and external serventions and external operations are serventions.	cttle system crbit or c30 N73-12884 with c31 N70-41373 vices for	channel cross section [MASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channel cross section for strength requirements [NASA-CASE-ILE-05689] OSCILLATION DABPERS Design and operation of viscous pen [NASA-CASE-ILA-02079] Stabilization System for gravity-or satellites using single damper ro	c28 N71-15658 casing with m thicknesses necessary c28 N71-15659 dulum damper c12 N71-16894 iented
ORBITAL MECHANICS Design and development of space shu for delivering payload to earth of celestial orbit [NASA-CASE-MSC-12391] ORBITAL SPACE STATIONS Radial module manned space station artificial gravity environment [NASA-CASE-XMS-01906] Internal and external serpentine de performing physical operations ar space stations	cttle system orbit or c30 N73-12884 with c31 N70-41373 vices for cound orbital	channel cross section [NASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channel cross section for strength requirements [NASA-CASE-ILE-05689] OSCILLATION DABPERS Design and operation of viscous pen [NASA-CASE-ILA-02079] Stabilization system for gravity-or satellites using single damper ro [NASA-CASE-IAC-01591]	c28 N71-15658 casing with m thicknesses necessary c28 N71-15659 dulum damper c12 N71-16894 iented d c31 N71-17729
ORBITAL MECHANICS Design and development of space shu for delivering payload to earth of celestial orbit [NASA-CASE-MSC-12391] ORBITAL SPACE STATIONS Radial module manned space station artificial gravity environment [NASA-CASE-XMS-01906] Internal and external serpentine deperforming physical operations are space stations [NASA-CASE-XMP-05344]	cttle system orbit or c30 N73-12884 with c31 N70-41373 vices for ound orbital c31 N71-16345	channel cross section [NASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channel cross section for strength requirements [NASA-CASE-ILE-05689] OSCILLATION DAMPERS Design and operation of viscous pen [NASA-CASE-ILA-02079] Stabilization system for gravity-or satellites using single damper ro [NASA-CASE-ILC-01591] Suspended mass oscillation damper h	c28 N71-15658 casing with m thicknesses necessary c28 N71-15659 dulum damper c12 N71-16894 iented d c31 N71-17729 ased on
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ORBITAL MECHANICS Design and development of space shu for delivering payload to earth of celestial orbit [NASA-CASE-MSC-12391] ORBITAL SPACE STATIONS Radial module manned space station artificial gravity environment [NASA-CASE-XMS-01906] Internal and external serpentine deperforming physical operations are space stations [NASA-CASE-XMP-05344] Describing apparatus for manufacture operations in low and zero gravity environments of orbital space flignasa-CASE-MFS-20410]	c30 N73-12884 with c31 N70-41373 vices for ound orbital c31 N71-16345	channel cross section [MASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channel cross section for strength requirements [MASA-CASE-ILE-05689] OSCILLATION DAMPERS Design and operation of viscous pen [NASA-CASE-XLA-02079] Stabilization system for gravity-or satellites using single damper ro [WASA-CASE-ILC-01591] Suspended mass oscillation damper h impact energy absorption for damp induced oscillations of tall stac and umbilical towers [WASA-CASE-LAR-10193-1]	c28 N71-15658 casing with m thicknesses necessary c28 N71-15659 dulum damper c12 N71-16894 iented d c31 N71-17729 ased on ing wind ks, antennas, c15 N71-27146
ORBITAL MECHNICS Design and development of space shu for delivering payload to earth of celestial orbit [NASA-CASE-MSC-12391] ORBITAL SPACE STATIONS Radial module manned space station artificial gravity environment [NASA-CASE-XMS-01906] Internal and external serpentine de performing physical operations are space stations [NASA-CASE-XMP-05344] Describing apparatus for manufacture operations in low and zero gravity environments of orbital space flig [NASA-CASE-MFS-20410] ORBITS	c30 N73-12884 with c31 N70-41373 vices for ound orbital c31 N71-16345 ing y ght c15 N71-19214	channel cross section [NASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channel cross section for strength requirements [NASA-CASE-ILE-05689] OSCILLATION DAMPERS Design and operation of viscous pen [NASA-CASE-ILA-02079] Stabilization system for gravity-or satellites using single damper ro [NASA-CASE-IAC-01591] Suspended mass oscillation damper h impact energy absorption for damp induced oscillations of tall stac and umbilical towers [NASA-CASE-IAR-10193-1] Damper system for alleviating air f	c28 N71-15658 casing with m thicknesses necessary c28 N71-15659 dulum damper c12 N71-16894 iented d c31 N71-17729 ased on ing wind ks, antennas, c15 N71-27146
ORBITAL MECHNICS Design and development of space she for delivering payload to earth of celestial orbit [NASA-CASE-MSC-12391] ORBITAL SPACE STATIONS Radial module manned space station artificial gravity environment [NASA-CASE-XMS-01906] Internal and external serpentine de performing physical operations are space stations [NASA-CASE-XMF-05344] Describing apparatus for manufacture operations in low and zero gravite environments of orbital space flignasa-CASE-MFS-20410] ORBITS Position determination systems	c30 N73-12884 with c31 N70-41373 vices for ound orbital c31 N71-16345 ing y ght c15 N71-19214	channel cross section [NASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channel cross section for strength requirements [NASA-CASE-ILE-05689] OSCILLATION DABPERS Design and operation of viscous pen [NASA-CASE-ILA-02079] Stabilization system for gravity-or satellites using single damper ro [NASA-CASE-IAC-01591] Suspended mass oscillation damper h impact energy absorption for damp induced oscillations of tall stac and umbilical towers [NASA-CASE-LAR-10193-1] Damper system for alleviating air f loads on wind tunnel models	c28 N71-15658 casing with m thicknesses necessary c28 N71-15659 dulum damper c12 N71-16894 iented d c31 N71-17729 aised on ing wind ks, antennas, c15 N71-27146 low shock
ORBITAL MECHANICS Design and development of space shu for delivering payload to earth of celestial orbit [NASA-CASE-MSC-12391] ORBITAL SPACE STATIONS Radial module manned space station artificial gravity environment [NASA-CASE-XMS-01906] Internal and external serpentine de performing physical operations an space stations [NASA-CASE-XMP-05344] Describing apparatus for manufactur operations in low and zero gravit environments of orbital space fli [NASA-CASE-MFS-20410] ORBITS Position determination systems antenna scan of celestial body	c30 N73-12884 with c31 N70-41373 vices for ound orbital c31 N71-16345 ing y ght c15 N71-19214	channel cross section [NASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channel cross section for strength requirements [NASA-CASE-ILE-05689] OSCILLATION DARPERS Design and operation of viscous pen [NASA-CASE-ILA-02079] Stabilization system for gravity-or satellites using single damper ro [NASA-CASE-IAC-01591] Suspended mass oscillation damper h impact energy absorption for damp induced oscillations of tall stac and umbilical towers [NASA-CASE-IAR-10193-1] Damper system for alleviating air f loads on wind tunnel models [NASA-CASE-XLA-09480]	c28 N71-15658 casing with m thicknesses necessary c28 N71-15659 dulum damper c12 N71-16894 iented d c31 N71-17729 ased on ing wind ks, antennas, c15 N71-27146
ORBITAL MECHNICS Design and development of space she for delivering payload to earth of celestial orbit [NASA-CASE-MSC-12391] ORBITAL SPACE STATIONS Radial module manned space station artificial gravity environment [NASA-CASE-XMS-01906] Internal and external serpentine de performing physical operations are space stations [NASA-CASE-XMF-05344] Describing apparatus for manufacture operations in low and zero gravite environments of orbital space flignasa-CASE-MFS-20410] ORBITS Position determination systems	c30 N73-12884 with c31 N70-41373 wices for cound orbital c31 N71-16345 ing ght c15 N71-19214 using orbital	channel cross section [NASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channel cross section for strength requirements [NASA-CASE-ILE-05689] OSCILLATION DABPERS Design and operation of viscous pen [NASA-CASE-ILA-02079] Stabilization system for gravity-or satellites using single damper ro [NASA-CASE-IAC-01591] Suspended mass oscillation damper h impact energy absorption for damp induced oscillations of tall stac and umbilical towers [NASA-CASE-LAR-10193-1] Damper system for alleviating air f loads on wind tunnel models	c28 N71-15658 casing with m thicknesses necessary c28 N71-15659 dulum damper c12 N71-16894 iented d c31 N71-17729 ased on ing wind ks, antennas, c15 N71-27146 low shock c11 N71-33612
ORBITAL MECHNICS Design and development of space she for delivering payload to earth of celestial orbit [NASA-CASE-MSC-12391] ORBITAL SPACE STATIONS Radial module manned space station artificial gravity environment [NASA-CASE-MSC-01906] Internal and external serpentine deperforming physical operations are space stations [NASA-CASE-MF-05344] Describing apparatus for manufacture operations in low and zero gravite environments of orbital space flignasa-CASE-MFS-20410] ORBITS Position determination systems	c30 N73-12884 with c31 N70-41373 wices for ound orbital c31 N71-16345 ring ght c15 N71-19214 using orbital c09 N74-14942	channel cross section [NASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channel cross section for strength requirements [NASA-CASE-ILE-05689] OSCILLATION DABPERS Design and operation of viscous pen [NASA-CASE-ILA-02079] Stabilization system for gravity-or satellites using single damper ro [NASA-CASE-IAC-01591] Suspended mass oscillation damper himpact energy absorption for dampinduced oscillations of tall stace and umbilical towers [NASA-CASE-IAR-10193-1] Damper system for alleviating air floads on wind tunnel models [NASA-CASE-XLA-09480] OSCILLATIONS Device for suppressing pressure oscifluid transmission line	c28 N71-15658 casing with m thicknesses necessary c28 N71-15659 dulum damper c12 N71-16894 iented d c31 N71-17729 aised on ing wind ks, antennas, c15 N71-27146 low shock c11 N71-33612.
ORBITAL MECHNICS Design and development of space shu for delivering payload to earth of celestial orbit [NASA-CASE-MSC-12391] ORBITAL SPACE STATIONS Radial module manned space station artificial gravity environment [NASA-CASE-XMS-01906] Internal and external serpentine deperforming physical operations are space stations [NASA-CASE-XMP-05344] Describing apparatus for manufacture operations in low and zero gravite environments of orbital space flignasa-CASE-MFS-20410] ORBITS Position determination systems	c30 N73-12884 with c31 N70-41373 vices for ound orbital c31 N71-16345 ing ght c15 N71-19214 using orbital c09 N74-14942 ion of aamino benzene	channel cross section [NASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channel cross section for strength requirements [NASA-CASE-ILE-05689] OSCILLATION DARPES Design and operation of viscous pen [NASA-CASE-ILA-02079] Stabilization system for gravity-or satellites using single damper ro [NASA-CASE-IAC-01591] Suspended mass oscillation damper h impact energy absorption for damp induced oscillations of tall stace and umbilical towers [NASA-CASE-IAR-10193-1] Damper system for alleviating air f loads on wind tunnel models [NASA-CASE-ILA-09480] OSCILLATIONS Device for suppressing pressure osc fluid transmission line [NASA-CASE-MFS-10354-2]	c28 N71-15658 casing with m thicknesses necessary c28 N71-15659 dulum damper c12 N71-16894 iented d c31 N71-17729 ased on ing wind ks, antennas, c15 N71-27146 flow shock c11 N71-33612
ORBITAL MECHANICS Design and development of space shu for delivering payload to earth of celestial orbit [NASA-CASE-MSC-12391] ORBITAL SPACE STATIONS Radial module manned space station artificial gravity environment [NASA-CASE-XMS-01906] Internal and external serpentine deperforming physical operations are space stations [NASA-CASE-XMP-05344] Describing apparatus for manufacture operations in low and zero gravite environments of orbital space flig [NASA-CASE-MFS-20410] ORBITS Position determination systems	c30 N73-12884 with c31 N70-41373 wices for ound orbital c31 N71-16345 ring ght c15 N71-19214 using orbital c09 N74-14942	channel cross section [NASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channel cross section for strength requirements [NASA-CASE-ILE-05689] OSCILLATION DAMPERS Design and operation of viscous pen [NASA-CASE-ILA-02079] Stabilization system for gravity-or satellites using single damper ro [NASA-CASE-ILC-01591] Suspended mass oscillation damper h impact energy absorption for damp induced oscillations of tall stac and umbilical towers [NASA-CASE-ILR-10193-1] Damper system for alleviating air f loads on wind tunnel models [NASA-CASE-ILA-09480] OSCILLATIONS Device for suppressing pressure osc fluid transmission line [NASA-CASE-MFS-10354-2] Development of electrical circuit f	c28 N71-15658 casing with m thicknesses necessary c28 N71-15659 dulum damper c12 N71-16894 iented d c31 N71-17729 ased on ing wind iks, antennas, c15 N71-27146 flow shock c11 N71-33612. illations in c12 N72-25306 or
ORBITAL MECHNICS Design and development of space she for delivering payload to earth of celestial orbit [NASA-CASE-MSC-12391] ORBITAL SPACE STATIONS Radial module manned space station artificial gravity environment [NASA-CASE-XMS-01906] Internal and external serpentine de performing physical operations are space stations [NASA-CASE-XMF-05344] Describing apparatus for manufacture operations in low and zero gravit environments of orbital space flig [NASA-CASE-MFS-20410] ORBITS Position determination systems	c30 N73-12884 with c31 N70-41373 vices for ound orbital c31 N71-16345 ing ght c15 N71-19214 using orbital c09 N74-14942 ion of camino benzene c06 N71-11235	channel cross section [NASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channel cross section for strength requirements [NASA-CASE-ILE-05689] OSCILLATION DAMPERS Design and operation of viscous pen [NASA-CASE-ILA-02079] Stabilization system for gravity-or satellites using single damper ro [NASA-CASE-ILA-0591] Suspended mass oscillation damper h impact energy absorption for damp induced oscillations of tall stac and umbilical towers [NASA-CASE-ILA-10193-1] Damper system for alleviating air f loads on wind tunnel models [NASA-CASE-ILA-09480] OSCILLATIONS Device for suppressing pressure osc fluid transmission line [NASA-CASE-INS-10354-2] Development of electrical circuit f suppressing oscillations across i	c28 N71-15658 casing with m thicknesses necessary c28 N71-15659 dulum damper c12 N71-16894 iented d c31 N71-17729 ased on ing wind iks, antennas, c15 N71-27146 flow shock c11 N71-33612. illations in c12 N72-25306 or
ORBITAL MECHANICS Design and development of space shu for delivering payload to earth of celestial orbit [NASA-CASE-MSC-12391] ORBITAL SPACE STATIONS Radial module manned space station artificial gravity environment [NASA-CASE-XMS-01906] Internal and external serpentine deperforming physical operations are space stations [NASA-CASE-XMP-05344] Describing apparatus for manufacture operations in low and zero gravite environments of orbital space flig [NASA-CASE-MFS-20410] ORBITS Position determination systems	c30 N73-12884 with c31 N70-41373 vices for ound orbital c31 N71-16345 ing ght c15 N71-19214 using orbital c09 N74-14942 ion of camino benzene c06 N71-11235	channel cross section [NASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channel cross section for strength requirements [NASA-CASE-ILE-05689] OSCILLATION DAMPERS Design and operation of wiscous pen [NASA-CASE-ILA-02079] Stabilization system for gravity-or satellites using single damper ro [NASA-CASE-IAC-01591] Suspended mass oscillation damper h impact energy absorption for damp induced oscillations of tall stac and umbilical towers [NASA-CASE-IAR-10193-1] Damper system for alleviating air f loads on wind tunnel models [NASA-CASE-ILA-09480] OSCILLATIONS Device for suppressing pressure osc fluid transmission line [NASA-CASE-MFS-10354-2] Development of electrical circuit f suppressing oscillations across i operating in resonant mode	c28 N71-15658 casing with m thicknesses necessary c28 N71-15659 dulum damper c12 N71-16894 iented d c31 N71-17729 ased on ing wind iks, antennas, c15 N71-27146 flow shock c11 N71-33612. illations in c12 N72-25306 or
ORBITAL MECHANICS Design and development of space she for delivering payload to earth of celestial orbit [NASA-CASE-MSC-12391] ORBITAL SPACE STATIONS Radial module manned space station artificial gravity environment [NASA-CASE-XMS-01906] Internal and external serpentine deperforming physical operations are space stations [NASA-CASE-XMP-05344] Describing apparatus for manufactur operations in low and zero gravite environments of orbital space flig [NASA-CASE-MFS-20410] ORBITS Position determination systems	c30 N73-12884 with c31 N70-41373 vices for ound orbital c31 N71-16345 ing y ght c15 N71-19214 using orbital c09 N74-14942 ion of aamino benzene c06 N71-11235 illanes c06 N71-23230 vinylidene	channel cross section [NASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channel cross section for strength requirements [NASA-CASE-ILE-05689] OSCILLATION DAMPERS Design and operation of viscous pen [NASA-CASE-ILA-02079] Stabilization system for gravity-or satellites using single damper ro [NASA-CASE-ILA-0591] Suspended mass oscillation damper h impact energy absorption for damp induced oscillations of tall stac and umbilical towers [NASA-CASE-ILA-10193-1] Damper system for alleviating air f loads on wind tunnel models [NASA-CASE-ILA-09480] OSCILLATIONS Device for suppressing pressure osc fluid transmission line [NASA-CASE-INS-10354-2] Development of electrical circuit f suppressing oscillations across i	c28 N71-15658 casing with m thicknesses necessary c28 N71-15659 dulum damper c12 N71-16894 iented d c31 N71-17729 ased on ing wind ks, antennas, c15 N71-27146 low shock c11 N71-33612. illations in c12 N72-25306 or nductor
ORBITAL MECHNICS Design and development of space she for delivering payload to earth of celestial orbit [NASA-CASE-MSC-12391] ORBITAL SPACE STATIONS Radial module manned space station artificial gravity environment [NASA-CASE-XMS-01906] Internal and external serpentine de performing physical operations are space stations [NASA-CASE-XMS-05344] Describing apparatus for manufacture operations in low and zero gravite environments of orbital space flig [NASA-CASE-MFS-20410] ORBITS Position determination systems	c30 N73-12884 with c31 N70-41373 vices for ound orbital c31 N71-16345 ing ght c15 N71-19214 using orbital c09 N74-14942 cion of camino benzene c06 N71-11235 cilanes c06 N71-23230 vinylidene	channel cross section [NASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channels to insure minimu at each channel cross section for strength requirements [NASA-CASE-ILE-05689] OSCILLATION DAMPERS Design and operation of viscous pen [NASA-CASE-ILA-02079] Stabilization system for gravity-or satellites using single damper ro [NASA-CASE-ILA-0591] Suspended mass oscillation damper h impact energy absorption for damp induced oscillations of tall stac and umbilical towers [NASA-CASE-ILA-10193-1] Damper system for alleviating air f loads on wind tunnel models [NASA-CASE-ILA-09480] OSCILLATIONS Device for suppressing pressure osc fluid transmission line [NASA-CASE-HFS-10354-2] Development of electrical circuit f suppressing oscillations across i operating in resonant mode [NASA-CASE-ERC-10403-1] OSCILLATORS OSCILLATORS	c28 N71-15658 casing with m thicknesses necessary c28 N71-15659 dulum damper c12 N71-16894 iented d c31 N71-17729 ased on ing wind iks, antennas, c15 N71-27146 flow shock c11 N71-33612. illations in c12 N72-25306 or inductor c10 N73-26228
ORBITAL MECHNICS Design and development of space shu for delivering payload to earth of celestial orbit [NASA-CASE-MSC-12391] ORBITAL SPACE STATIONS Radial module manned space station artificial gravity environment {NASA-CASE-MSC-01906] Internal and external serpentine de performing physical operations are space stations [NASA-CASE-MFS-05344] Describing apparatus for manufacture operations in low and zero gravite environments of orbital space flig [NASA-CASE-MFS-20410] ORBITS Position determination systems	c30 N73-12884 with c31 N70-41373 vices for ound orbital c31 N71-16345 ing ght c15 N71-19214 using orbital c09 N74-14942 cion of camino benzene c06 N71-23230 vinylidene sc06 N71-23500	channel cross section [NASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channel cross section for strength requirements [NASA-CASE-ILE-05689] OSCILLATION DABPERS Design and operation of viscous pen [NASA-CASE-ILA-02079] Stabilization system for gravity-or satellites using single damper ro [NASA-CASE-IAC-01591] Suspended mass oscillation damper h impact energy absorption for damp induced oscillations of tall stac and umbilical towers [NASA-CASE-LAR-10193-1] Damper system for alleviating air f loads on wind tunnel models [NASA-CASE-IA-09480] OSCILLATIONS Device for suppressing pressure osc fluid transmission line [NASA-CASE-MFS-10354-2] Development of electrical circuit f suppressing oscillations across i operating in resonant mode [NASA-CASE-ERC-10403-1] OSCILLATONS OSCILLATONS OSCILLATONS	c28 N71-15658 casing with m thicknesses necessary c28 N71-15659 dulum damper c12 N71-16894 iented d c31 N71-17729 ased on ing wind ks, antennas, c15 N71-27146 low shock c11 N71-33612 illations in c12 N72-25306 or nductor c10 N73-26228 drive system
ORBITAL MECHANICS Design and development of space shu for delivering payload to earth of celestial orbit [NASA-CASE-MSC-12391] ORBITAL SPACE STATIONS Radial module manned space station artificial gravity environment [NASA-CASE-XMS-01906] Internal and external serpentine de performing physical operations are space stations [NASA-CASE-XMP-05344] Describing apparatus for manufacture operations in low and zero gravite environments of orbital space flig [NASA-CASE-MFS-20410] ORBITS Position determination systems	c30 N73-12884 with c31 N70-41373 vices for ound orbital c31 N71-16345 ing ght c15 N71-19214 using orbital c09 N74-14942 cion of camino benzene c06 N71-23230 vinylidene sc06 N71-23500	channel cross section [NASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channel cross section for strength requirements [NASA-CASE-ILE-05689] OSCILLATION DAMPERS Design and operation of viscous pen [NASA-CASE-ILA-02079] Stabilization system for gravity-or satellites using single damper ro [NASA-CASE-ILC-01591] Suspended mass oscillation damper h impact energy absorption for damp induced oscillations of tall stac and umbilical towers [NASA-CASE-ILR-10193-1] Damper system for alleviating air f loads on wind tunnel models [NASA-CASE-ILA-09480] OSCILLATIONS Device for suppressing pressure osc fluid transmission line [NASA-CASE-NLA-09480] Development of electrical circuit f suppressing oscillations across i operating in resonant mode [NASA-CASE-ERC-10403-1] OSCILLATORS	c28 N71-15658 casing with m thicknesses necessary c28 N71-15659 dulum damper c12 N71-16894 iented d c31 N71-17729 ased on ing wind ks, antennas, c15 N71-27146 low shock c11 N71-33612 illations in c12 N72-25306 or nductor c10 N73-26228 drive system c14 N69-27461
ORBITAL MECHNICS Design and development of space shu for delivering payload to earth of celestial orbit [NASA-CASE-MSC-12391] ORBITAL SPACE STATIONS Radial module manned space station artificial gravity environment [NASA-CASE-XMS-01906] Internal and external serpentine de performing physical operations are space stations [NASA-CASE-XMS-05344] Describing apparatus for manufacture operations in low and zero gravit environments of orbital space flig [NASA-CASE-MFS-20410] ORBITS Position determination systems	c30 N73-12884 with c31 N70-41373 vices for ound orbital c31 N71-16345 ing ght c15 N71-19214 using orbital c09 N74-14942 cion of camino benzene c06 N71-11235 cilanes c06 N71-23230 vinylidene s c06 N71-23500 ceaction of	channel cross section [NASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channel cross section for strength requirements [NASA-CASE-ILE-05689] OSCILLATION DAMPERS Design and operation of viscous pen [NASA-CASE-ILA-02079] Stabilization system for gravity-or satellites using single damper ro [NASA-CASE-ILA-0591] Suspended mass oscillation damper h impact energy absorption for damp induced oscillations of tall stace and umbilical towers [NASA-CASE-IR-10193-1] Damper system for alleviating air f loads on wind tunnel models [NASA-CASE-IR-109480] OSCILLATIONS Device for suppressing pressure osc fluid transmission line [NASA-CASE-NFS-10354-2] Development of electrical circuit f suppressing oscillations across i operating in resonant mode [NASA-CASE-ERC-10403-1] OSCILLATORS Oscillatory electromagnetic mirror for horizon scanners [NASA-CASE-ILA-03724] Frequency control network for curre	c28 N71-15658 casing with m thicknesses necessary c28 N71-15659 dulum damper c12 N71-16894 iented d c31 N71-17729 ased on ing wind ks, antennas, c15 N71-27146 low shock c11 N71-33612 illations in c12 N72-25306 or nductor c10 N73-26228 drive system c14 N69-27461
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ORBITAL MECHANICS Design and development of space she for delivering payload to earth of celestial orbit [NASA-CASE-MSC-12391] ORBITAL SPACE STATIONS Radial module manned space station artificial gravity environment [NASA-CASE-MSC-1906] Internal and external serpentine deperforming physical operations are space stations [NASA-CASE-MF-05344] Describing apparatus for manufacture operations in low and zero gravite environments of orbital space flights of the convergence of the c	c30 N73-12884 with c31 N70-41373 vices for ound orbital c31 N71-16345 ing ght c15 N71-19214 using orbital c09 N74-14942 cion of camino benzene c06 N71-23230 vinylidene s c06 N71-23500 eaction of second or conting channel cross section [NASA-CASE-ILE-00409] Regeneratively cooled rocket motor tapered channels to insure minimu at each channel cross section for strength requirements [NASA-CASE-ILE-05689] OSCILLATION DAMPERS Design and operation of viscous pen [NASA-CASE-ILA-02079] Stabilization system for gravity-or satellites using single damper ro [NASA-CASE-ILA-01591] Suspended mass oscillation damper h impact energy absorption for damp induced oscillations of tall stac and umbilical towers [NASA-CASE-IAR-10193-1] Damper system for alleviating air f loads on wind tunnel models [NASA-CASE-ILA-09480] OSCILLATIONS Device for suppressing pressure osc fluid transmission line [NASA-CASE-NFS-10354-2] Development of electrical circuit f suppressing oscillations across i operating in resonant mode [NASA-CASE-ERC-10403-1] OSCILLATORS c28 N71-15658 casing with m thicknesses necessary c28 N71-15659 dulum damper c12 N71-16894 iented d c31 N71-17729 ased on ing wind iks, antennas, c15 N71-27146 flow shock c11 N71-33612 illations in c12 N72-25306 or nductor c10 N73-26228 drive system c14 N69-27461 int feedback to ac or c10 N71-19418		
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[NASA-CASE-NBF-04367] c09 N71-23545	fuel cells
Development and characteristics of fluid	[NASA-CASE-XLE-04526] c03 N71-11052
oscillator analog to digital converter with	Fuel and oxidizer injection head for thrust
variable frequency controlled by signal	chamber of reaction engine [NASA-CASE-NPO-10046]
passing through conditioning circuit [NASA-CASE-LEB-10345-1] c10 N71-25899	[NASA-CASE-HPO-10046] C28 N72-17843 ONIHETRY
.Bideband voltage controlled oscillator with high	Ear oximeter for monitoring blood oxygenation
phase stability	and pressure, pulse rate, and pressure pulse
[MASA-CASE-XLA-03893] c10 M71-27271	curve, using dc and ac amplifiers
Variable frequency subcarrier oscillator with	[NASA-CASE-XAC-05422] c04 N71-23185
temperature compensation [MASA-CASE-XMP-03916] c09 M71-28810	ONIGHM Analytical test apparatus and method for
Inverter oscillator with voltage feedback	determining oxygen content in alkali liquid
[NASA-CASE-NPO-10760] c09 N72-25254	petal
Alphanumeric character display device for	[NASA-CASE-XLE-01997] C06 N71-23527
oscilloscopes	Heated tungsten filter for removing oxygen
[NASA-CASE-GSC-11582-1] c09 #73-32120	inpurities from cesium [NASA-CASE-XNP-04262-2] c17 N71-26773
Controlled oscillator system with a time dependent output frequency	[NASA-CASE-INP-04262-2] c17 N71-26773 Hethod for detecting oxygen in gas by
[NASA-CASE-NPO-11962-1] CO9 N74-10194	thermoluninescence
Ultra-stable oscillator with complementary	[NASA-CASE-LAR-10668-1] c06 N73-16106
transistors	Hethod for obtaining orygen from lunar or
[NASA-CASE-GSC-11513-1] c09 N74-20862	Similar Soil
OSCILLOSCOPES Sign wave generation simulator for variable	[MASA-CASE-MSC-12408-1] c13 N74-13011 Nonflammable coating compositions for use in
amplitude, frequency, damping, and phase	high oxygen environments
pulses for oscilloscope display	[MÁSA-CÁŠE-BFS-20486-2] c18 M74-17283
[NASA-CASE-NPO-10251] c10 N71-27365	ONIGHE CODSUMPTION
Scan oscilloscope for mapping surface	Respiration analyzing method and apparatus for
sensitivity of photomultiplier tube [NASA-CASE-LAR-10320-1] c09 #72-23172	determining subjects oxygen consumption in aerospace environments
[NASA-CASE-LAR-10320-1] c09 #72-23172 Bechanical exposure interlock device for	[NASA-CASE-XPR-08403] c05 B71-11202
preventing film overexposure in oscilloscope	ONYGRE PLUORIDES
camera	Oxygen difluoride in synthesis of fluoropolyners
[NASA-CASE-LAR-10319-1] c14 N73-32322	[NASA-CASE-NPO-12061-1] c06 B72-21100
OSHOSIS Honomer polymerization by plasma discharge as	ONYGRN HETABOLISH Hetabolic analyzer for measuring metabolic
thin film for water purification membrane	rate and breathing dynamics of human beings
[NASA-CASE-ARC-10643-1] c06 N73-29074	[NASA-CASE-HPS-21415-1] CO5 N74-20728
OUTER PLANETS EXPLORERS	
Integration of spectrometer capability with	P
imagery function of facsimile cameras for use	P-u jeuctions
on planetary landers [NASA-CASB-LAR-11207-1]	Lithium drifted silicon radiation detector with
OUTGASSIEG	gold rectifying contacts
Optical characteristics measuring apparatus	[NASA-CASE-XLE-10529] c14 N69-23191
[HASA-CASE-INP-08840] C23 H71-16365	Semiconductor p-n junction on needle apex to
Helium outgassing process for fused glass	provide stress and strain sensor [NASA-CASE-NLA-04980] c09 N69-27422
coating on ion accelerator grid [NASA-CASE-LES-10278-1] c15 H71-28582	[NASA-CASE-NLA-04980] c09 N69-27422 Improving radiation resistance of silicon
Pluid polydinethylsiloxane resin with low	semiconductor junctions by doping with lithium
outgassing properties in cured state	[NASA-CASE-XGS-07801] c09 N71-12513
[WASA-CASE-GSC-11358-1] c06 N73-26100	Silicon radiation detecting probe design for in
OVENS	vivo biomedical use
Oven for heat treating heat shields [WASA-CASE-XMS-04318] c15 N69-27871	[NASA-CASE-XHS-01177] c05 H71-19440 Electrode connection for n-on-p silicon solar cell
OVERWOLTAGE	[NASA-CASE-XLE-04787] c03 H71-20492
Spark gap type protective circuit for fast	Sater content in wapor deposition atmosphere for
sensing and renoval of overvoltage conditions	forning n-type and p-type junctions of zinc
[NASA-CASE-XAC-08981] c09 869-39897	doped gallium arsemide
Sensing circuit for instantaneous reaction to power overloads	[NASA-CASE-INP-01961] c26 N71-29156 Hethod for making semiconductor p-n junction
[MASA-CASE-GSC-10667-1] c10 M71-33129	stress and strain sensor
Overvoltage protection network	[NASA-CASE-KLA-04980-2] c14 B72-28438
[WASA-CASE-ARC-10197-1] C09 N74-17929	Graded band gap p-n junction gallium
ONIDATION	arsenide/gallium aluminum arsenide solar cell
Silicide coating process and composition for protection of refractory metals from oxidation	[NASA-CASE-LAR-11174-1] c03 H73-26047 Resin for protecting p-n semiconductor junction
[BASA-CASE-XLE-10910] C18 N71-29040	surface
Automated system for monitoring oxidative	[NASA-CASE-ERC-10339-1] c18 H73-30532
netabolites of aromatic amines	P-TYPE SERICODDUCTORS
[BASA-CASE-ARC-10469-1] c06 B72-31145	Addition of group 3 elements to silicon
OXIDATION RESISTANCE Nickel base alloy with resistance to omidation	semiconductor material for increased resistance to radiation damage in solar cells
at high temperatures and superior	[BASA-CASE-XLE-02798] c26 N71-23654
stress-rupture properties	PACKAGES
[BASA-CASE-XLE-02082] c17 N71-16026	Impact testing machine for imparting large
Dupler aluminized coatings	inpact forces on high velocity packages
[NASA-CASE-LEW-11696-2] c18 H74-18197	[NASA-CASE-ENP-04817] c)4 p71-23225
ONIDE FILES Hethod of fluxless brazing and diffusion bonding	One band backpack barness [HASA-CASE-LAB-10102-1] c05 E72-23085
of aluminum containing components	PACHAGING COS 1/2-25083
[BASA-CASE-BSC-14435-1] c15 B74-20071	Characteristics of device for folding thin
OXIDES	flexible sheets into compact configuration
Utilization of lithium p-lithiphenoxide to prepare star polymers	[NASA-CASE-MLA-00137] c15 N70-33180
[BASA-CASE-#PO-10998-1] c06 #73-32029	Sethod of compactly packaging centrifugally expandable lightweight flexible reflector
OKIDIZEAS	satellite
Electrolytically regenerative hydrogen-oxygen	[NASA-CASE-XLA-00138] c31 p70-37981
Freeter! made a service a language and service	117

Electrically conductive wire storage in plastic	PARABOLOID MIRRORS Three mirror glancing incidence system for X ray
capsule that allows for unfolding [NASA-CASE-LAR-10168-1] c09 N73-22151	telescope
Downlanmont and characteristics OI System IOF	[NASA-CASE-MF5-21372] c14 N72-20397 Optical data processing system using
skin packaging articles using thermoplastic film heating and vacuum operated equipment	paraboloidal reflecting surfaces
[NASA-CASE-MFS-20855] c15 N73-27405	[NASA-CASE-GSC-11296-1] C23 N73-30666
DACKING DRWS7TY	PARACHUTE DESCENT Multiple parachute system for landing control of
Micropacked column for rapid chromatographic analysis using low gas flow rates	Apollo type spacecraft
[NASA-CASE-XNP-04816] c06 N69-39936	[NASA-CASE-XLA-00898] C02 N70-36804
PAD	Parachute system for lowering manned spacecraft from post-reentry to ocean landing
Journal bearings [NASA-CASE-LEW-11076-3] c15 N74-10475	[NASA-CASE-XLA-00195] C02 F70-38009
PATETS	piston in bore cutter for severing parachute
Nitroaniline sulfate, intumescent paints	control lines and sealing cable hole to prevent water leakage into load
[NASA-CASE-ARC-10099-1] c18 N71-15469 Composition and production method of alkali	[NASA-CASE-XMS-04072] C15 N70-42017
metal silicate paint with ultraviolet	Development and operating principles of gas
reflection properties	generator for deploying recovery parachutes from space capsules during atmospheric entry
[NASA-CASE-XGS-04799] C18 N71-24183 White paint production by heating impure	[NASA-CASE-LAR-10549-1] c31 N73-13898
aluminum silicate clay having low solar	PARACHUTE PABRICS Lightweight, variable solidity knitted parachute
absorptance c18 N71-24184	fabric for aerodynamic decelerators
DAYLADIAN COMPOUNDS	[NASA-CASE-LAR-10776-1] CO2 N74-10034
Proventing pressure buildup in electrochemical	PARACHUTES System for controlling torque buildup in
cells by reacting palladium oxide with evolved	suspension of gondola connected to balloon by
hydrogen [NASA-CASB-XGS-01419]	parachute shroud lines
Separation of dissolved hydrogen from water and	[NASA-CASE-GSC-11077-1] CO2 N73-13008 PARAGLIDERS
coating with palladium black [NASA-CASE-MSC-13335-1] c06 N72-31140	Multiple parachute system for landing control of
PANRIS	Apollo type spacecraft f NASA-CASE-YLA-008981
Nut and bolt fastener permitting all-directional	[NASA-CASE-XLA-00898] CO2 N70-36804 PARALLEL PLATES
movement of skin sections with respect to supporting structure	Describing instrument capable of measuring true
rnasa-case-xla-01807) c15 N71-10799	shear viscosity of liquids and viscoelastic
Multilayer insulation panels for cryogenic	materials [NASA-CASE-XNP-09462] c14 N71-17584
liquid containers [NASA-CASB-MFS-14023] c33 N71-25351	PARAMETRIC AMPLIFIERS
Method and apparatus for fabricating solar cell	Development of idler feedback system to reduce electronic noise problem in two parametric
panels [NASA-CASE-XNF-03413] c03 N71-26726	applifiers
Method for making pressurized meteoroid	[NASA-CASE-LAR-10253-1] c09 N72-25258
penetration detector panels [NASA-CASE-XLA-08916] c15 N71-29018	Millimeter wave pumped parametric amplifier varactor diode mounting structure
[NASA-CASE-XIA-08916] C15 N71-29018 Boneycomb panels of minimal surface, periodic	[NASA-CASE-GSC-11617-1] CO9 N74-10200
tubule layers	PARADINGS
[NASA-CASE-ERC-10364] c18 N72-25540 rabrication of light weight panel structure	Method for deployment of flexible wing glider from space wehicle with minimum impact and
using pairs of elongate hollow ribs of	loading
semicircular configuration	[NASA-CASE-KMS-00907] C02 N70-41630 PARTIAL PRESSURE
[NASA-CASE-LAR-11052-1] c32 N73-13929 Pressurized panel meteoroid detector	Equipment for measuring partial water wapor
[NASA-CASE-XLA-08916-2] C14 N73-28487	pressure in gas tank [NASA-CASE-YMS-01618] C14 N71-20741
Ultrasonic scanner for radial and flat panels [NASA-CASE-MPS-20335-11 c14 N74-10415	[NASA-CASE-XHS-01618] C14 N71-2074T PARTICLE ACCELERATION
A panel for selectively absorbing solar thermal	Selector mechanism for mechanical separation and
energy and the method for manufacturing the	discrimination of high velocity molecular
panel [NASA-CASE-MFS-22562-1] c03 N74-19700	particles [NASA-CASE-XLE-01533] C11 N71-10777
PANORANIC CAMERAS	method and apparatus for use in forming highly
Automatic focus control for facsimile cameras	collimated beam of microparticles with high charge to mass ratio and injecting beam into
[NASA-CASE-LAR-11213-1] C14 N74-10420 PARABOLIC ANTENNAS	electrostatic accelerating tube
Device for improving efficiency of parabolic	[NASA-CASE-XGS-06628] c24 N71-16213
horn antenna system for linearly polarized	PARTICLE ACCRLERATOR TARGETS Development and characteristics of improved
signals [NASA-CASE-XNP-00611] c09 N70-35219	dispensing targets for ion beam particle
Drive system for parabolic tracking antenna with	generators [NASA-CASE-NPO-13112-1] c11 N73-29138
reversible motion and minimal backlash [NASA-CASE-NPO-10173] C15 N71-24696	[NASA-CASE-NPO-13112-1] C11 N73-29138 PARTICLE BEARS
[NASA-CASE-NPO-10173] c15 N71-24696 PARABOLIC REFLECTORS	Particle beam power density detection and
Device for improving efficiency of parabolic	measurement apparatus [NASA-CASE-XLE-00243] c14 N70-38602
reflector horn for linearly or circularly polarized waves	[NASA-CASE-XLE-00243] C14 N/U-38602 Development and characteristics of improved
[NASA-CASE-XNP-00540] c09 N70-35382	dispensing targets for ion beam particle
Foldable, double come and parabolic reflector	generators [NASA-CASE-NPO-13112-1] c11 N73-29138
system for solar ray concentration [NASA-CASE-XLA-04622] c03 N70-41580	Doppler shift system system for measuring
Self erecting parabolic reflector design for use	velocities of radiating particles
in space	[NASA-CASE-HQN-10740-1] C24 874-19310 PARTICLE COLLISIONS
[NASA-CASE-XMS-03454] c09 N71-20658 plural beam antenna with parabolic reflectors	Momentum-velocity analyzer for measuring minute
[NASA-CASE-GSC-11013-1] c09 N73-19234	space particles
Multimode antenna feed system for microwave and broadband communication	[NASA-CASE-XMS-04201] c14 N71-22990 PARTICLE DENSITY (CONCENTRATION)
[NASA-CASE-GSC-11046-1] c07 N73-28013	Particle detector for measuring micrometeoroid
	* 440

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velocity in space		PATIENTS	•
[NASA-CASE-ILA-00495] PARTICLE BRISSION	c14 N70-41332	Stretcher with rigid head and neck	
Hosaic semiconductor radiation det	ector and	capability of supporting immobili vertical position for removal fro	
position indicator systems engine		hatch to exterior also useful as	
energy particles		stretcher	-
[NASA-CASE-XGS-03230] Apparatus for detecting particle e	c14 N71-23401	[NASA-CASE-XMF-06589]	c05 N71-2315
than noise level of multiplier to		PATTERS RECOGNITION Roughness detector for recording su	rface pattern
[NASA-CASE-XLA-07813]	c14 N72-17328	of irregularities	
PARTICLE ENERGY		[NASA-CASE-XLA-00203]	c14 x70-3416
Particle detector for indicating in energy of minute space particles		Auditory display for the blind [NASA-CASE-HQN-10832-1]	c14 N74-2101
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Development and characteristics of	c11 N73-28128	Payload/spent rocket engine case se [NASA-CASE-XLA-05369]	c31 N71-15687
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generators		gyro controlled jet reaction syst	en for launch
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Micropacked column for rapid chrome	atographic	Payload soft landing system using s	
analysis using low gas flow rate:		[NASA-CASE-XLA-09881]	c31 N71-16085
[NASA-CASE-XNP-04816]	c06 N69-39936	Zero gravity apparatus utilizing pn	
Apparatus for producing hydrocarbon containing small particles of made		decelerating means to create payl to zero gravity conditions by dro	
use as jet aircraft fuel	gnesium for	beight	bbrud res
[NASA-CASE-XLE-00010]	c15 N70-33382	[NASA-CASE-XHP-06515]	c14 N71-23227
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and microconstituents into refrac	ctory metal	frame to isolate payloads from multi-gravitational forces	•
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nevelopment of apparatus for produc		[NASA-CASE-IGS-01983]	c10 N70-41964
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[NASA-CASE-XLE-06461-2] Particulate and solar radiation sta	c17 N72-28535	buffer storage and timing device : tape recording of PCM data and ti	
for spacecraft	abre conting	information	arna
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[NASA-CASE-ARC-10593-1] c09 N73-30187	[NASA-CASE-LAR-10241-1] c05 N74-14845 PIEZOBLECTRIC CRYSTALS
PHOTOSENSITIVITY	Biniature solid state, direction sensitive,
Photosensitive light source device for detecting	stress transducer design with bonded
unnanned spacecraft deviation from reference	seniconductive piezoresistive element for
attitude [Wisk-Chsp-yup-nnuser	sensing residual stresses
[NASA-CASE-XNP-00438] c21 N70-35089	[NASA-CASE-XNP-02983] :14 N71-21091

#34ha -4.51	for and
Ultra-stable oscillator with complementary transistors	forces [NASA-CASE-XMP-05114] c15 N71-17650
[NASA-CASE-GSC-11513-11	Sealed separable connection for thin wall metal
PIEZOBLECTRIC TRANSDUCERS Piezoelectric transducer for detecting and	tube [NASA-CASE-NPO-10064] c15 N71-17693
measuring micrometeoroids	Electrical switching device comprising
[NASA-CASE-XAC-01101] c14 N70-41957	conductive liquid confined within square loop
Describing crystal oscillator instrument for the detecting condensible gas contaminants in	of deformable nonconductive tubing also used for leveling
Vacuum apparatus	[NASA-CASE-NPO-10037] CO9 N71-19610
[NASA-CASE-NPO-10144] c14 N71-17701 Piezoelectric transducer for monitoring sound	Hand tool for forming dimples and nipples on end portion of tubes
Baves of physiological origin	[NASA-CASE-XNS-06876] c15 x71-21536
[NASA-CASE-XMS-05365] c14 N71-22993 Miniature piezojunction semiconductor transducer	Nonconductive tube as feed system for plasma thrustor
with in situ stress coupling	[NASA-CASE-XLE-02902] c25 N71-21694
[NASA-CASE-ERC-10087-2] c14 N72-31446	Apparatus and method for spin forming tubular
Piezoelectric relay with pair of bimorphs [NASA-CASE-GSC-11627-1] c09 N74-19852	elbows with high strength, uniform thickness, and close tolerances
PIEZOBLECTRICITY	[NASA-CASE-IMF-01083] c15 N71-22723
Piezoelectric means for missile stage separation indication and stage initiation	Description of portable milling tool for milling tube or pipe ends to desired shape and thickness
[NASA-CASE-XLA-00791] c03 N70-39930	[NASA-CASE-XMF-03511] c15 N71-22799
Piezoelectric pump for supplying fluid at high	Gage for measuring internal angle of flare on
frequencies to gyroscope fluid suspension system [NASA-CASE-XNP-05429] c26 N71-21824	end of tube [NASA-CASE-XMF-04415] c14 N71-24693
Miniature electromechanical junction transducer	Method and apparatus for portable high precision
operating on piezojunction effect and utilizing epoxy for stress coupling component	magnetomotive bulging, constricting, and joining of large diameter metal tubes
[NASA-CASE-ERC-10087]	[NASA-CASE-XHF-05114-3] c15 N71-24865
PIBZORESISTIVE TRANSDUCERS Miniature solid state, direction sensitive,	Portable cutting machine for piping weld preparation
stress transducer design with bonded	[NASA-CASE-XKS-07953] C15 N71-26134
semiconductive piezoresistive element for	Method and apparatus for precision sizing and
sensing residual stresses [NASA-CASE-XNF-02983] c14 N71-21091	joining of large diameter tubes by bulging or constricting overlapping ends
Solid state force measuring electromechanical	[NASA-CASE-XMF-05114-2] C15 N71-26148
transducers made of piezoresistive materials [NASA-CASE-ERC-10088] c26 N71-25490	Collapsible antenna boom and coaxial transmission line having inflatable inner tube
PIGHENTS	[NASA-CASE-MFS-20068] c07 N71-27191
Binder stabilized zinc oxide pigmented coating for spacecraft thermal control	Process for developing filament reinforced plastic tubes used in research and development
[NASA-CASE-XMF-07770-2] c18 N71-26772	programs
PILOT TRAINING	[NASA-CASE-LAR-10203-1] c15 N72-16330
Controlled visibility device for simulating poor visibility conditions in training pilots in	Tubular guideway for high speed ground effect machines
instrument landing and flight procedures	[NASA-CASE-LAR-10256-1] c11 N72-20253
[NASA-CASE-XPR-04147] c11 N71-10748 PILOTS (PRESONNEL)	Torsional disconnect device for releasably coupling distal ends of fluid conduits
Pilot warning indicator system of intruder	[NASA-CASE-NPO-10704] c15 N72-20445
aircraft [NASA-CASE-ERC-10226-1]	Open type urine receptacle with tubular housing [NASA-CASE-MSC-12324-1] c05 N72-22093
PIWS	Measuring method for cutaneous perception using
Fatigue resistant shear pin with hollow shaft and two plugs	instrument with elongated tubular housing [NASA-CASE-MSC-13609-1] c05 N72-25122
[NASA-CASE-XLA-09122] c15 N69-27505	Low mass truss structure with elongated
Blade vibration damping pins for turbomachinery [NASA-CASE-XLE-00155] c28 N71-29154	thin-walled tubular segments [NASA-CASE-LAR-10546-1] c11 N72-25287
Design of quick release locking pin for joining	Honeycomb panels of minimal surface, periodic
two or more load-carrying structural members	tubule layers
[NASA-CASE-HFS-18495] c15 N72-11385 PINTLES	[NASA-CASE-ERC-10364] c18 N72-25540 Honeycomb core structures of minimum surface
Describing metal walve pintle with encapsulated	tubule sections
elastomeric body [NASA-CASE-MSC-12116-1] c15 N71-17648	[NASA-CASE-ERC-10363] c18 N72-25541 U shaped heated tube for distillation and
PIPE FLOG	purification of liquid metals
Design and development of device for moving liquid through pipes without use of mechanical	[NASA-CASE-KNP-08124-2] c06 N73-13129 Cable guide and restraint device for reefing
pumps	tubes in uniform manner
[NASA-CASE-LAR-10799~1] c12 N73-12295	[NASA-CASE-LAR-10129-1] c15 N73-25512
PIPELINES Plexible bellows joint shielding sleeve for	Twisted wire or tube superconductor for filament windings
propellant transfer pipelines	[NASA-CASE-LEH-11015] c26 N73-32571
[NASA-CASE-XNP-01855] c15 N71-28937 PIPES (TUBES)	PISTORS Automatically reciprocating, high pressure pump
Capacitance measuring device for determining	for use in spaceCraft cryogenic propellants
flare accuracy on tapered tubes [NASA-CASE-IKS-03495] c14 N69-39785	[NASA-CASR-XNP-04731] c15 N71-24042 Pumping and metering dual piston system and
Low thermal loss piping arrangement for moving	monitor for reaction chamber constituents
cryogenic media through double chamber structure [NASA-CASE-XNP-08882] c15 M69-39935	[NASA-CASE-GSC-10218-1] c15 N72-21465 Collapsible piston for hypervelocity qun
Foldable conduit capable of springing back as	[NASA-CASE-MSC-13789-1] c11 N73-32152
self erecting structural member [NASA-CASE-XLE-00620] c32 N70-41579	Airflow control system for supersonic inlets [MASA-CASE-LEW-11188-1] c02 N74-20646
Bounting fixture for supporting thermobulb in	PITCH
pipeline [NASA-CASE-NPO-10158] c33 N71-16356	Strapped down gyroscope aligned with sun and
method and apparatus for shaping and joining	star tracker optical axis calibrating roll, yaw and pitch values
large diameter metal tubes using magnetomotive	[NASA-CASE-ARC-10716-1] c31 N73-32784

PIVOTS	[NASA-CASE-XLA-00327]
- 1 - 1 - 1 - n cable under	[NASA-CASE-XLA-00327]
Apparatus for measuring load on cable under static or dynamic conditions Comprising	[NASA-CASE-MFS-22287-1] C11 M74-18891
pulleys pivoting structure against restraint	PLASMA CONTROL
of tension strap	Development of self-energized plasma compressor
[HASA-CASE-XMS-04545] c15 N71-22878	for compressing plasma discharged from coaxial
PLANE WAVES	plasma generator [NASA-CASE-MFS-22145-1]
Characteristics of microwave antenna with conical reflectors to generate plane wave front	Superconducting magnetic field trapping device
[NASA-CASE-NPO-11661] c07 N73-14130	for producing magnetic field in air
DIABET EDERKERIDES	[NASA-CASE-XNP-01185] c26 N73-28710
Computation method and apparatus for predicting	PLASMA CYLINDERS
solar flares by correlating planetary	Plasma-fluidic hybrid display system combining high brightness and memory characteristics
ephemeris data with gravitational force	[NASA-CASE-ERC-10100] C09 N71-33519
effects on sun [NASA-CASE-ERC-10323-1] c30 N70-22183	PLASMA DEMSITY
DIANKTARY APMOSPHERES	Apertured electrode focusing system for ion
Planetary atmospheric investigation using split	sources with nonuniform plasma density [NASA-CASE-NNP-03332]
trajectory dual flyby mode rwasa-case-vac-os4941 c30 N71-15990	[NASA-CASE-NPP-03332] COS N71-10618 PLASMA DIAGNOSTICS
[NASA-CASE-XAC-08494] c30 N71-15990 Wind tunnel method for simulating flow fields	Plasma probes having quard ring and primary
around blunt vehicles entering planetary	sensor at same potential to prevent stray wall
atmospheres without involving high temperatures	current collection in ionized gases
[NASA-CASE-LAR-11138] C12 N73-20436	[NASA-CASE-XLE-00690] c25 H69-39884 Apparatus for measuring conductivity and
Ablation sensor for measuring surface ablation	velocity of plasma with multiple sensing coils
rate of material on wehicles entering earths atmosphere on entry into planetary atmospheres	positioned in plasma
[NASA-CASE-XLA-01791] c14 N71-22991	[NASA-CASE-XAC-05695] c25 N71-16073
PLANSTARY GRAVITATION	Development and characteristics of test
Lunar and planetary gravity simulator to test	equipment for determining temperature and electron density of plasma based on derivation
vehicular response to landing (NASA-CASE-VIA-00493) c11 N70-34786	of absorption coefficients
[NASA-CASE-XLA-00493] c11 N70-34786 Table structure and rotating magnet system	[NASA-CASE-ARC-10598-1] c25 N73-29750
simulating gravitational forces on spacecraft	PLASMA DYNAMICS
and displaying trajectories between Earth,	Apparatus for measuring conductivity and
Venus, and Bercury	velocity of plasma with multiple sensing coils
[NASA-CASE-XNP-00708] / c14 N70-35394	positioned in plasma [NASA-CASE-XAC-05695] c25 N71-16073
PLANETARY LANDING Multiple parachute system for landing control of	Development of self-energized plasma compressor
Apollo type spacecraft	for compressing plasma discharged from coaxial
[NASA-CASE-XLA-00898] CO2 N70-36804	plasma generator
Payload soft landing system using stowable gas bag	[NASA-CASE-MFS-22145-1] c25 M73-26721
[NASA-CASE-XLA-09881] c31 N71-16085	PLASMA BUGINES Nonconductive tube as feed system for plasma
PLANSTARY ORBITS Self-erectable space structures of flexible foam	thrustor
for application in planetary orbits	[NASA-CASE-XLE-02902] c25 N71-21694
[NASA-CASE-XLA-00686] c31 N70-34135	PLASMA FLUX MEASUREMENTS
Manned space station collapsible for launching	Development and characteristics of test equipment for determining temperature and
and self-erectable in orbit [NASA-CASE-XLA-00678] c31 N70-34296	electron density of plasma based on derivation
PLANETARY RADIATION	of absorption coefficients
	[NASA-CASE-ARC-10598+1] c25 N73-29750
Attitude sensor with scanning mirrors for	
Attitude sensor with scanning mirrors for detecting orientation of space vehicle with	PLASMA GENERATORS
detecting orientation of space vehicle with respect to planet	PLASMA GENERATORS Apparatus for producing highly conductive, high
detecting orientation of space vehicle with respect to planet [NASA-CASE-XLA-00793] c21 N71-22880	PLASMA GENERATORS Apparatus for producing highly conductive, high temperature electron plasma with homogenous
detecting orientation of space vehicle with respect to planet [NASA-CASE-XLA-00793] c21 N71-22880 PLANETARY SUBPACES	PLASMA GRMBRATORS Apparatus for producing highly conductive, high temperature electron plasma with homogenous temperature and pressure distribution [NASA-CASE-XLA-00147] c25 N70-34661
detecting orientation of space wehicle with respect to planet [NASH-CASE-XLA-00793] c21 N71-22880 PLANETARY SURPACES Spacecraft transponder and ground station radar system for mapping planetary surfaces	PLASMA GENERATORS Apparatus for producing highly conductive, high temperature electron plasma with homogenous temperature and pressure distribution [NASA-CASE-XLA-00147] c25 N70-34661 Crossed field MHD plasma generator-accelerator
detecting orientation of space vehicle with respect to planet [NASA-CASE-XLA-00793] c21 x71-22880 PLANETARY SURFACES Spacecraft transponder and ground station radar system for mapping planetary surfaces [NASA-CASE-NPO-11001] c07 N72-21118	PLASMA GENERATORS Apparatus for producing highly conductive, high temperature electron plasma with homogenous temperature and pressure distribution [NASA-CASE-XLA-00147]
detecting orientation of space vehicle with respect to planet [NASA-CASE-XLA-00793] c21 N71-22880 PLANETARY SURFACES Spacecraft transponder and ground station radar system for mapping planetary surfaces [NASA-CASE-NPO-11001] c07 N72-21118 PLANTS (BOTANY)	PLASMA GENERATORS Apparatus for producing highly conductive, high temperature electron plasma with homogenous temperature and pressure distribution [NASA-CASE-XLA-00147] c25 N70-34661 Crossed field MHD plasma generator-accelerator [NASA-CASE-XLA-03374] c25 N71-15562 Coaxial, high density, hypervelocity plasma
detecting orientation of space vehicle with respect to planet [NASA-CASE-XLA-00793] c21 k71-22880 PLANETARY SUBFACES Spacecraft transponder and ground station radar system for mapping planetary surfaces [NASA-CASE-NPO-11001] c07 b72-21118 PLANTS (BOTANY) Rotary plant growth accelerating apparatus	PLASMA GENERATORS Apparatus for producing highly conductive, high temperature electron plasma with homogenous temperature and pressure distribution [NASA-CASE-XLA-00147] c25 N70-34661 Crossed field MHD plasma generator-accelerator [NASA-CASE-XLA-03374] c25 N71-15562 Coaxial, high density, hypervelocity plasma generator and accelerator using electrodes [NASA-CASE-MPS-20589] c25 N72-32688
detecting orientation of space vehicle with respect to planet [NASA-CASE-XLA-00793] c21 N71-22880 PLANETARY SURFACES Spacecraft transponder and ground station radar system for mapping planetary surfaces [NASA-CASE-NPO-11001] c07 N72-21118 PLANTS (BOTANY)	PLASMA GENERATORS Apparatus for producing highly conductive, high temperature electron plasma with homogenous temperature and pressure distribution [NASA-CASE-XLA-00147] c25 N70-34661 Crossed field MHD plasma generator-accelerator [NASA-CASE-XLA-03374] c25 N71-15562 Coaxial, high density, hypervelocity plasma generator and accelerator using electrodes [NASA-CASE-MFS-20589] c25 N72-32688 Development of self-energized plasma compressor
detecting orientation of space vehicle with respect to planet [NASA-CASE-XLA-00793]	PLASMA GENERATORS Apparatus for producing highly conductive, high temperature electron plasma with homogenous temperature and pressure distribution [NASA-CASE-XLA-00147] c25 N70-34661 Crossed field HHD plasma generator-accelerator [NASA-CASE-XLA-03374] c25 N71-15562 Coaxial, high density, hypervelocity plasma generator and accelerator using electrodes [NASA-CASE-MPS-20589] c25 N72-32688 Development of self-energized plasma compressor for compressing plasma discharged from coaxial
detecting orientation of space vehicle with respect to planet [NASA-CASE-XLA-00793] c21 N71-22880 PLANETARY SUBFACES Spacecraft transponder and ground station radar system for mapping planetary surfaces [NASA-CASE-NPO-11001] c07 N72-21118 PLANTS (BOTANY) Rotary plant growth accelerating apparatus for weightlessness simulation [NASA-CASE-ARC-10722-1] c04 N74-13807 PLASHA ACCELERATION Increasing available power per unit area in ion	PLASMA GENERATORS Apparatus for producing highly conductive, high temperature electron plasma with homogenous temperature and pressure distribution [NASA-CASE-XLA-00147] c25 N70-34661 Crossed field MHD plasma generator-accelerator [NASA-CASE-XLA-03374] c25 N71-15562 Coarial, high density, hypervelocity plasma generator and accelerator using electrodes [NASA-CASE-MPS-20589] c25 N72-32688 Development of self-energized plasma compressor for compressing plasma discharged from coaxial plasma generator
detecting orientation of space vehicle with respect to planet [NASA-CASE-XLA-00793] c21 N71-22880 PLANETARY SURFACES Spacecraft transponder and ground station radar system for mapping planetary surfaces [NASA-CASE-NPO-11001] c07 N72-21118 PLANTS (BOTANY) Rotary plant growth accelerating apparatus for weightlessness simulation [NASA-CASE-ARC-10722-1] c04 N74-13807 PLASHA ACCELERATION Increasing available power per unit area in ion rocket engine by increasing beam density	PLASMA GENERATORS Apparatus for producing highly conductive, high temperature electron plasma with homogenous temperature and pressure distribution [NASA-CASE-XLA-00147]
detecting orientation of space vehicle with respect to planet [NASA-CASE-XLA-00793]	PLASMA GENERATORS Apparatus for producing highly conductive, high temperature electron plasma with homogenous temperature and pressure distribution [NASA-CASE-XLA-00147]
detecting orientation of space vehicle with respect to planet [NASA-CASE-XLA-00793] c21 N71-22880 PLANETARY SURFACES Spacecraft transponder and ground station radar system for mapping planetary surfaces [NASA-CASE-NPO-11001] c07 N72-21118 PLANTS (BOTANY) Rotary plant growth accelerating apparatus for weightlessness simulation [NASA-CASE-ARC-10722-1] c04 N74-13807 PLASHA ACCELERATION Increasing available power per unit area in ion rocket engine by increasing beam density	PLASMA GENERATORS Apparatus for producing highly conductive, high temperature electron plasma with homogenous temperature and pressure distribution [NASA-CASE-XLA-00147]
detecting orientation of space vehicle with respect to planet [NASA-CASE-XLA-00793] c21 N71-22880 PLANETARY SURFACES Spacecraft transponder and ground station radar system for mapping planetary surfaces [NASA-CASE-NPO-11001] c07 N72-21118 PLANTS (BOTANY) Rotary plant growth accelerating apparatus for weightlessness simulation [NASA-CASE-ARC-10722-1] c04 N74-13807 PLASHA ACCELERATION Increasing available power per unit area in ion rocket engine by increasing beam density [NASA-CASE-XLE-00519] c28 N70-41576 Coaxial, high density, hypervelocity plasma generator and accelerator using electrodes [NASA-CASE-FFS-20589] c25 N72-32688	PLASMA GENERATORS Apparatus for producing highly conductive, high temperature electron plasma with homogenous temperature and pressure distribution [NASA-CASE-XLA-00147]
detecting orientation of space vehicle with respect to planet [NASA-CASE-XLA-00793] c21 N71-22880 PLANETARY SURFACES Spacecraft transponder and ground station radar system for mapping planetary surfaces [NASA-CASE-NPO-11001] c07 N72-21118 PLANTS (BOTANY) Rotary plant growth accelerating apparatus for weightlessness simulation [NASA-CASE-NPC-10722-1] c04 N74-13807 PLASHA ACCELERATION Increasing available power per unit area in ion rocket engine by increasing beam density [NASA-CASE-XLE-00519] c28 N70-41576 Coaxial, high density, hypervelocity plasma generator and accelerator using electrodes [NASA-CASE-MPS-20589] c25 N72-32688 PLASHA ACCELERATORS	PLASMA GENERATORS Apparatus for producing highly conductive, high temperature electron plasma with homogenous temperature and pressure distribution [NASA-CASE-XLA-00147]
detecting orientation of space vehicle with respect to planet [NASA-CASE-XLA-00793] c21 N71-22880 PLANETARY SURPACES Spacecraft transponder and ground station radar system for mapping planetary surfaces [NASA-CASE-NPO-11001] c07 N72-21118 PLANTS (BOTANY) Rotary plant growth accelerating apparatus for weightlessness simulation [NASA-CASE-ARC-10722-1] c04 N74-13807 PLASHA ACCELERATION Increasing available power per unit area in ion rocket engine by increasing beam density [NASA-CASE-XLE-00519] c28 N70-41576 coaxial, high density, hypervelocity plasma generator and accelerator using electrodes [NASA-CASE-PFS-20589] c25 N72-32688 PLASHA ACCELERATORS CTOSSEd-field plasma accelerator for laboratory	PLASMA GENERATORS Apparatus for producing highly conductive, high temperature electron plasma with homogenous temperature and pressure distribution [NASA-CASE-XLA-00147]
detecting orientation of space vehicle with respect to planet [NASA-CASE-XLA-00793]	PLASMA GENERATORS Apparatus for producing highly conductive, high temperature electron plasma with homogenous temperature and pressure distribution [NASA-CASE-XLA-00147]
detecting orientation of space vehicle with respect to planet [NASA-CASE-XLA-00793]	PLASMA GENERATORS Apparatus for producing highly conductive, high temperature electron plasma with homogenous temperature and pressure distribution [NASA-CASE-XLA-00147]
detecting orientation of space vehicle with respect to planet [NASA-CASE-XLA-00793]	PLASMA GENERATORS Apparatus for producing highly conductive, high temperature electron plasma with homogenous temperature and pressure distribution [NASA-CASE-XLA-00147]
detecting orientation of space vehicle with respect to planet [NASA-CASE-XLA-00793]	PLASMA GENERATORS Apparatus for producing highly conductive, high temperature electron plasma with homogenous temperature and pressure distribution [NASA-CASE-XLA-00147]
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detecting orientation of space vehicle with respect to planet [NASA-CASE-XLA-00793]	PLASMA GENERATORS Apparatus for producing highly conductive, high temperature electron plasma with homogenous temperature and pressure distribution [NASA-CASE-XLA-00147]
detecting orientation of space vehicle with respect to planet [NASA-CASE-XLA-00793]	PLASMA GENERATORS Apparatus for producing highly conductive, high temperature electron plasma with homogenous temperature and pressure distribution [NASA-CASE-XLA-00147]
detecting orientation of space vehicle with respect to planet [NASA-CASE-XLA-00793]	PLASMA GENERATORS Apparatus for producing highly conductive, high temperature electron plasma with homogenous temperature and pressure distribution [NASA-CASE-XLA-00147]
detecting orientation of space vehicle with respect to planet [NASA-CASE-XLA-00793]	PLASMA GENERATORS Apparatus for producing highly conductive, high temperature electron plasma with homogenous temperature and pressure distribution [NASA-CASE-XLA-00147]

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sensor at same potential to prevent stray wall Current collection in ionized gases	PLATES (STRUCTURAL HEBBERS) Foil seal between parts moving relative to each
[NASA-CASE-XLE-00690] C25 N69-39884	other
Small plasma probe using tungsten wire collector	[NASA-CASE-XLE-05130] c15 N69-2136
10 tubular shield	Platfores
[NASA-CASE-MLE-02578] C25 N71-20747	Development of timing device for conserving
PLASHA PROPULSION	batteries on remote data collection platform
Process for fabricating matched pairs of dished	by generating synchronous time windows
screen and accelerator grids for ion thruster	[NASA-CASE-GSC-11182-1] c31 N73-32769
accelerator system [MASA-CASE-LEG-11694-1] c28 N73-22721	PLATING
[NASA-CASE-LEH-11694-1]	Selective plating of etched circuits without
Development of method for measuring electron	removing previous plating [NASA-CASE-XGS-03120] c15 N71-2404
density gradients of plasma sheath around	Scanning nozzle plating system for etching or
space wehicle during atmospheric entry	plating netals on substrates without masking
[NASA-CASE-XLA-06232] c25 N71-20563	[NASA-CASE-NPO-11758-1] c15 N72-2850
Apparatus for producing monochromatic light from	Metal plating process employing spraying of
continuous plasma source	netallic power/peening particle mixture
[NASA-CASE-INP-04167-2] c25 H72-24753	[NASA-CASE-GSC-11163-1] c15 N73-32360
PLASHA SHRATHS	PLESON CHAMBERS
Space environment simulation system for	Platform with several ground effect pads and
measuring spacecraft electric field strength	plenum chambers
in plasma sheath	[NASA-CASE-MFS-14685] c31 N71-15689
[NASA-CASE-XLE-02038] c09 N71-16086	bevelopment of filter apparatus for gas
Development of method for measuring electron	separation and characteristics of filter cell
density gradients of plasma sheath around	support frame for improved operation
space vehicle during atmospheric entry"	[NASA-CASE-HSC-12297] c14 H72-2345
[NASA-CASE-XLA-06232] c25 N71-20563	PLOTTERS
PLASEA SPRAYING	Plotter device for automatically drawing
Flame or plasma spraying for molybdenum coating	equipotential lines on sheet of resistance paper
of carbon or graphite surfaces to prevent	[NASA-CASE-NPO-11134] c09 N72-21240
oxidative corrosion	PLOTTIEG
[NASA-CASE-XLA-00302] c15 N71-16077	Instrument for measuring potentials on two
PLASHA TRHPRRATURE	dimensional electric field plot
Development and characteristics of test equipment for determining temperature and	[NASA-CASE-XLA-08493] c10 N71-1942
	PLUGS
electron density of plasma based on derivation of absorption coefficients	Rocket chanber leak test firture using tubular
[NASA-CASE-ARC-10598-1] c25 N73-29750	plug [NASA-CASE-XFR-09479] c14 N69-2750:
PLASHAS (PHYSICS)	Patigue resistant Shear pin with hollow shaft
Apparatus for measuring conductivity and	and two plugs
velocity of plasma with multiple sensing coils	[NASA-CASE-XLA-09122] c15 N69-2750
positioned in plasma	Control of gas flow from pressurized wessel by
[NASA-CASE-XAC-05695] c25 N71-16073	thermal expansion of metal plug
PLASTIC COATINGS	[NASA-CASE-NPO-10298] c12 N71-1766
Process permitting application of synthetic	Heated porous plug microthrustor for spacecraft
resin coating to irregular-shaped objects at	reaction jet controlled systems such as fuel
ambient temperature	flow regulation, propellant disassociation,
[NASA-CASE-XNP-06508] c18 N69-39895	and heat transfer augmentation
Development and characteristics of system for	[NASA-CASE-GSC-10640-1] c28 N72-18766
skin packaging articles using thermoplastic	PERUMATIC CONTROL
film heating and vacuum operated equipment	Pneumatic system for cyclic control of fluid
[NASA-CASE-MFS-20855] c15 M73-27405 Polymer coatings for moisture protection of	flow in pneumatic device
optical bindows in infrared spectroscopy	[NASA-CASE-XMS-04843] c03 M69-21469
[NASA-CASE-ARC-10749-1] c23.N73-32542	Preumatic control of telescopic mirror support system
PLASTIC DEFORMATION	[NASA-CASE-XLA-03271] c11 N69-2432
Process for analysis of strain field of	Actuator using compressed gas as driving force
structures subjected to large deformations	to control valve handling large liquid flows
involving low modulus substrate with thin	[NASA-CASE-XHQ-01208] c15 N70-35409
coating	Pheumatic mechanism for releasing book and loop
[NASA-CASE-LAR-10765-1] c32 N73-20740	fasteners between large rigid structures
PLASTIC TAPES	[NASA-CASE-XMS-10660-1] c15 N71-2597
Development of flexible thermocouple in form of	Pneumatic foot pedal operated fluidic exercising
tape for adaptation to special temperature	device
measuring conditions	[MASA-CASE-HSC-11561-1] c05 N73-32010
[NASA-CASE-LEG-11072-1] c14 N73-24472	PURUHATIC RQUIPHRUT
PLASTICS	Development and characteristics of high pressure
Hot forming of plastic sheets	control valve
[NASA-CASE-XMS-05516] c15 M71-17803	[WASA-CASE-MSC-11010] c15 N71-19485
Technique for making foldable, inflatable,	Phennatic cantilever beams and platform for
plastic honeycomb core panels for use in building and bridge structures, light and	space erectable structure
radio wave reflectors, and spacecraft	[WASA-CASE-XLA-01731] c32 N71-21045
[NASA-CASE-XLA-03492] C15 N71-22713	Fluid transferring system design for purging toxic, corrosive, or noxious fluids and funes
Electrode sealing and insulation for fuel cells	from materials handling equipment for
containing caustic liquid electrolytes using	cleansing and accident prevention
powdered plastic and metal	[NASA-CASE-XHS-01905] c12 N71-21089
[NASA-CASE-MES-01625] c15 N71-23022	Zero gravity apparatus utilizing pneumatic
Dielectric apparatus for heating, fusing, and	decelerating means to create payload subjected
hardening of organic matrix to form plastic	to zero gravity conditions by dropping its
material into shaped product	height
r wasa-case-lar-10121-11 c15 671-26721	[NASA-CASE-XHF-06515] c14 H71-23227
plastic sphere for radar tracking and "calibration	Pheumatic servoamplifier for controlling flow
[NASA-CASE-XLA-11154] c07 N72-21117	regulation
Compression molding apparatus for thermosetting	[RASA-CASE-HSC-12121-1] c15 H71-27147
plastic compositions	Portable device for detecting pneumatic pressure
[BASA-CASE-LAR-10489-2] c15 B73-31446	leaks in bernetically sealed housings
	[NASA-CASE-HPS-21761-1] c14.N73-18444

Inflatable stabilizing system for use on life	POLYIMIDES
raft to reduce rocking and preclude capsizing [Nasa-case-MSC-12393-1] c02 N73-26006	Stable polyimide synthesis from mixtures of monomeric diamines and polycarboxylic acid
Ultrasonically bonded valve assembly [NASA-CASE-NPO-13360~1] c15 N74-20073	esters [NASA-CASE-LEW-11325-1] c06 N73-27980 Polyimide foam for the thermal insulation and
POINT SOURCES Plectronic background suppression field scanning	fire protection
sensor for detecting point source targets [NASA-CASE-XGS-05211] c07 N69-39980	[NASA-CASE-ARC-10464-1] c06 N74-12812 Aromatic polyimide preparation with low softening temperatures
x ray collimating structure for focusing radiation directly onto detector	[NASA-CASE-LAR-11372-1] c06 N74-19772
[NASA-CASE-XHQ-04106] C14 N70-40240	POLYISOBUTYLENE Chemical process for production of
POINTING CONTROL SYSTEMS Development of reflector system for application	polyisobutylene compounds and application as
to line-of-sight pointing and tracking	solid rocket propellant binder [NASA-CASE-NPO-10893] c27 N73-22710
telescopes [NASA-CASE-NPO-10468] c23 N71-33229	POLYMEN CHEMISTRY
POLAR ORBITS Spin phase synchronization of cartwheel	New trifunctional alcohol derived from trimer acid and novel method of preparation
satellite in polar orbit [NASA-CASE-XGS-05579] c31 N71-15676	[NASA-CASE-NPO-10714] c06 M69-31244 Synthesis of siloxane containing epoxy polymers
POLARIMETERS	with low dielectric properties
Automatic polarimeter capable of measuring transient birefringence changes in	[NASA-CASE-MFS-13994-1] C06 N71-11240 Apparatus for determining volatile condensable
electro-optic materials	material present in polymeric products
[NASA-CASE-XNP-08883] c23 N71-16101 Two beam interferometer-polarimeter	[NASA-CASE-XNP-09699] c06 N71-24607 POLYMERIC FILES
[NASA-CASE-NPO-11239] c14 N73-12446	Ethylene oxide sterilization and encapsulating process for sterile preservation of
POLARITY Converting output of positive dc voltage source	instruments and solid propellants
to negative do voltage across load with common	[NASA-CASE-KNP-09763] c14 N71-20461 Hydraulic apparatus for casting and molding of
reference point [NASA-CASE-XMF-08217] c03 N71-23239	liquid polymers
Peak polarity selector for monitoring waveforms	[NASA-CASE-XNP-07659] c06 N71-22975
[NASA-CASE-FRC-10010] c10 N71-24862 Precision full wave rectifier circuit for	Transparent plastic film for attaching cover glasses to silicon solar cells
rectifying incoming electrical signals having	[NASA-CASE-LEW-11065-1] CO3 N72-11064
positive or negative polarity with only positive output signals	Thermodielectric radiometer using polymer film as capacitor
[NASA-CASE-ARC-10101-1] c09 N71-33109	[NASA-CASE-ARC-10138-1] C14 N72-24477
POLARIZATION (WAVES) Automatic nulling system for interference signal	Silicon solar cell with plastic film binding to cover glass
at multichannel receiver by polarization	[NASA-CASE-LEW-11065-2] CO3 N73-26048
adjustment [NASA-CASE-NPO-13140-1]	Development and characteristics of system for skin packaging articles using thermoplastic
[NASA-CASE-NPO-13140-1] C07 N73-27106 POLARIZED RIECTROMAGNETIC BADIATION	film heating and vacuum operated equipment
Device for improving efficiency of parabolic horn antenna system for linearly polarized	(NASA-CASE-MFS-20855) c15 N73-27405 POLYMERIZATION
signals	Synthesis of polyfluorobutadiene by
[NASA-CASE-XNP-00611] c09 N70-35219	polymerization of perfluorobutadiene with disopropyl peroxydicarbonate
Device for improving efficiency of parabolic reflector horm for linearly or circularly	[NASA-CASE-NPO-10863] C06 N70-11251
polarized waves [NASA-CASE-XNP-00540]	Low pressure perfluorobutadiene polymerization with peroxide catalysts
[NASA-CASE-XNP-00540]	[NASA-CASE-NPO-10447] c06 N70-11252
Conforming polisher for aspheric surfaces of revolution with inflatable tube	Process for interfacial polymerization of pyromellitic dianhydride and tetraamino benzene
[NASA-CASE-XGS-02884] c15 N71-22705	[NASA-CASE-XLA-03104] C06 N71-11235
POLYBUTADIENE Senthagia of polyfluorobutadions by	Synthesis and chemical properties of imidazopyrrolone/imide copolymers
Synthesis of polyfluorobutadiene by polymerization of perfluorobutadiene with	[NASA-CASE-XLA-08802] C06 N71-11238
diisopropyl peroxydicarbonate [NASA-CASE-NPO-10863]	Direct synthesis of polymeric schiff bases from two amines and two aldehydes
Low pressure perfluorobutadiene polymerization	[NASA-CASE-XMF-08655] C06 N71-11239
with peroxide catalysts [NASA-CASE-NPO-10447]	Synthesis of azine polymers for heat shields by azine-aromatic aldehyde reaction
[NASA-CASE-NPO-10447] c06 N70-11252 POLYCARBONATES	[NASA-CASE-XNF-08656] CO5 N77-11242
Transparent polycarbonate resin, shell helmet	Synthesis of schiff bases for heat shields by acetal amine reactions
and latch design for high altitude and space flight	[NASA-CASE-XMF-08652] c06 N71-11243
[NASA-CASE-XMS-04935] c05 N71-11190 POLYESTERS	Preparation of elastomeric diamine silazane polymers
Carboxyl terminated polyester prepolymers and	INASA-CASE-XMF-041331 c06 N71-20717
foams produced from prepolymers and materials [NASA-CASE-NPO-10596] c06 N71-25929	Reaction of polyperfluoropolyenes with fluorine to produce saturated polymer chain or create
[NASA-CASE-NPO-10596] c06 N71-25929 Apparatus for manufacturing polyester drive belts	reactive sites on chain
[NASA-CASE-NPO-13205-1] C15 N73-31442 POLYETHER RESINS	[NASA-CASE-NPO-10862] c06 N72-22107 Cross linked polymer system for oil or fat
Preparation of stable polyurethane polymer by	absorption properties
reacting polymer with diisocyanate	[NASA-CASE-NPO-11609-1] c06 N72-22114
[NASA-CASE-MFS-10506] c06 N73-30100 Preparation of fluorohydroxy ethers by reacting	Silphenylenesiloxane polymer with in-chain perfluoroalkyl groups
fluoroalkylene oxides with alkali salt of	[NASA-CASE-NFS-20979] c06 N72-25151
polyfluoroalkylene diol [NASA-CASE-MFS-10507] c06 N73-30101	Polymerization of perfluorobutadiene [NASA-CASE-NPO-10863-2] c06 N72-25152
Preparation of fluorinated polyethers from	Monomer polymerization by plasma discharge as
2-hydro-perhaloisopropyl alcohols [NASA-CASE-MFS-11492] c06 N73-30102	thin film for water purification membrane [NASA-CASE-ARC-10643-1] CO6 N73-29074
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Preparation of fluorohydroxy ethers by reacting	diisocyanate
fluorcalkylene oxides with alkali salt of	[NASA-CASE-NPO-10767-2] CO6 N72-27151
polyfluoroalkylene diol	Chemical and physical properties of synthetic
[NASA-CASE-HFS-10507] c06 H73-30101	polyurethane polymer prepared by reacting
Preparation of fluorinated polyethers from	hydroxy carbonate with organic diisocyanate
2-hydro-perhaloisopropyl alcohols	[NASA-CASE-HFS-10512] c06 N73-30099
[NASA-CASE-NFS-11492] c06 N73-30102	Preparation of stable polyurethane polymer by
Fabrication of polyphenylquinoxaline composite	reacting polymer with diisocyanate
articles by means of in situ polymerization of	[NASA-CASE-MFS-10506] C06 N73-30100
monomers	preparation of polyurethane polymer by reacting
[NASA-CASE-LEH-11879-1] c18 N74-20152	hydroxy polyformal with organic diisocyanate
POLYGERS	[NASA-CASE-MFS-10509] C06 N73-30103
Preparation of ordered poly/arylenesiloxane/	Chemical and elastic properties of fluorinated
polymers	polyurethanes
[NASA-CASE-XMF-10753] c06 N71-11237	[NASA-CASE-NPO-10767-1] c06 N73-33076
Synthesis of aromatic diamines and dialdehyde	POROUS MATERIALS
polymers using Schiff base	Production of refractory bodies with controlled
[NASA-CASE-XMF-03074] c06 N71-24740	porosity by pressing and heating mixtures of
Automated ball rebound resilience test equipment	refractory and inert metal powders
for determining viscoelastic properties of	[NASA-CASE-LEB-10393-1] c17 N71-15468
polymers of	Multilayer porous refractory metal ionizer
	design with thick, porous, large-grain
	substrates and thin, porous micron-grain
Infusible polymer production from reaction of	substrates
polyfunctional epoxy resins with	
polyfunctional aziridine compounds	[NASA-CASE-XNP-04338] C1/ N/1-23046 Lubrication for bearings by capillary action
[NASA-CASE-NPO-10701] c06 N71-28620	
Development of solid state polymer coating for	from oil reservoir of porous material (NASA-CASE-XNP-03972) c15 N71-23048
obtaining thermal balance in spacecraft	
components	method and photodetector device for locating
[NASA-CASE-XLA-01745] c33 N71-28903	abnormal voids in low density materials
Hercaptan terminated polymer containing sulfonic	[NASA-CASE-MFS-20044] c14 N71-28993
acid salts of nitrosubstituted aromatic amines	Production method for manufacturing porous
for heat and moisture resistant coatings	tungsten bodies from tungsten pouder particles
[NASA-CASE-ARC-10325] c06 N72-25147	[NASA-CASE-XNP-04339] c17 N71-29137
Solid propellant containing hydrazinium	Compressible electrolyte saturated sponge
nitroformate oxidizer and polymeric	electrode for biomedical applications
hydrocarbon binder	[NASA-CASE-MSC-13648] C05 N72-27103
[NASA-CASB-NPO-12015] C27 N73-16764	Development of method and equipment for
Chemical process for production of	detecting cracks in materials with porous
polyisobutylene compounds and application as	subsurface matrix covered by impervious coating
	[NASA-CASB-MSC-14187-1] c14 N73-17564
solid rocket propellant binder [NASA-CASE-NPO-10893] c27 N73-22710	Porous electrode for use in electrochemical cells
	[NASA-CASE-GSC-11368-1] c09 N73-32108
Utilization of lithium p-lithiphenoxide to	Method of making porous conductive supports for
prepare star polymers	
[NASA-CASE-NPO-10998-1] c06 N73-32029	electrodes by electroforming and stacking
Oltraviolet and thermally stable polymer	nickel foils [NASA-CASE-GSC-11367-1] c03 N74-19692
compositions poly/(diarylsilory)/arylazines	•
[NASA-CASE-ARC-10592-2] c06 N74-11926	POROUS PLATES
Method of fluxless brazing and diffusion bonding	Method for producing porous tungsten plates for
of aluminum containing components	ionizing cesium compounds for propulsion of
[NASA-CASE-MSC-14435-1] c15 N74-20071	ion engines
ultraviolet and thermally stable polymer	[NASA-CASE-XLE-00455] c28 N70-38197
compositions	PORTABLE EQUIPMENT
[NASA-CASE-ARC-10592-1] c18 N74-21156	Portable electron beam welding chamber
POLYTETRAPLUOROETHYLENE	[NASA-CASE-LEN-11531] c15 N71-14932
Procedure for bonding polytetrafluoroethylene	Portable apparatus producing high velocity
thermal protective sleeves to magnesium alloy	annular air column surrounding low velocity,
conical shell components with different	filtered, superclean air central core for
thermal coefficients	industrial clean room environmental control
[NASA-CASE-ILA-01262] c15 N71-21404	[NASA-CASE-XMF-03212] c15 N71-22721
POLYURTHAUR FOAH	Portable cutting machine for piping weld
Self-erectable space structures of flexible foam	preparation
for application in planetary orbits	[NASA-CASE-XKS-07953] c15 N71-26134
[NASA-CASE-XLA-00686] C31 N70-34135	Method and apparatus for precision sizing and
modification of polyurethanes with alkyl halide	joining of large diameter tubes by bulging or
resins, inorganic salts, and encapsulated	constricting overlapping ends
volatile and reactive halogen for fuel fire	[NASA-CASE-IMF-05114-2] c15 N71-26148
	Portable cryogenic cooling system design
control	
[NASA-CASE-ARC-10098-1] c06 N71-24739	including turbine pump, cooling chamber, and
Lightweight fire resistant plastic foam for	atomizer
thermal protection of reentry vehicles and	[NASA-CASE-NPO-10467]
aircraft structures	Automatic controlled drive mechanism for
[NASA-CASE-ARC-10180-1] C28 N72-20767	portable boring bar
Fiber modified polyurethane foam for ballistic	[NASA-CASE-XLA-03661] c15 N71-33518
protection	One hand backpack barness
rwasa-case-arc-10714-11 c18 N74-11366	[NASA-CASE-LAR-10102-1] c05 N72-23085
pravible fire retardant polyisocyanate modified	Portable tester for monitoring bacterial
neoprene foam for thermal protective devices	contamination by adenosine triphosphate light
[NASA-CASE-ARC-10180-1] c06 N74-12814	reaction
DOLVERTHANE RESINS	[NASA-CASE-GSC-10879-1] c14 N72-25413
Chemical synthesis of hydroxy terminated	Portable device for detecting pneumatic pressure
perfluoro ethers as intermediates for highly	leaks in hermetically sealed housings
fluorinated Polyurethane resins	[NASA-CASE-BFS-21761-1] c14 N73-18444
[NASA-CASE-NPO-10768] CO6 N71-27254	Portable penetrometer for analyzing soil
Formation of polyurethane resins from hydroxy	characteristics
terminated perfluoro ethers	[NASA-CASE-HFS-20774] c14 N73-19420
[NASA-CASE-NPO-10768-2] c06 N72-27144	Tool exchange capabilities of portable wrench
Fluorinated polyurethanes produced by reacting	characterized by telescopic sleeve
hydroxy terminated perfluoro polyether with	[NASA-CASE-HFS-22283-1] c15 N73-30462

Hand-held, lightweight, portable photomicroscope	n -1:11
-40 177-20264	Positioning mechanism for converting translatory motion into rotary motion
[NASA-CASE-ARC-10468-1] c14 N73-33361	[NASA-CASE-NPO-10679] c15 N72-21462
PORTS (OPENINGS) Sealing evacuation port and evacuating vacuum	Design and development of test stand system for
container such as space jackets	supporting test items in vacuum chamber
[NASA-CASE-XMF-03290] c15 N71-23256	[NASA-CASE-MPS-21362]
PASITION (LOCATION)	Reference apparatus for medical ultrasomic transducer
Position locating system for remote aircraft using voice communication and digital signals	[NASA-CASE-ARC-10753-1] C05 N74-13818
[NASA-CASE-GSC-10087-2] C21 N71-13958	Method and apparatus for optically monitoring
Development of telemetry system for position	the angular position of a rotating mirror
location and data acquisition	[NASA-CASE-GSC-11353-1] c23 N74-21304
[NASA-CASE-GSC-10083-1] c30 N71-16090	POSITIVE PEEDBACK Complementary regenerative transistorized switch
Automatic braking device for rapidly transferring humans or materials from elevated	circuit employing positive and negative feedback
location	[NASA-CASE-XGS-02751] c09 N71-23015
INASA-CASE-XKS-07814] C15 N71-27067	POTABLE WATER
System and method for position locating for air	Potable water reclamation from human wastes in
traffic control involving supersonic transports [NaSA-CASR-GSC-10087-3] c07 N72-12080	zero-G environment [NASA-CASE-XLA-03213] c05 N71-11207
[NASA-CASE-GSC-10087-3] CO7 N72-12080 Location identification system with ground based	Utilization of solar radiation by solar still
transmitter and aircraft borne receiver/decoder	for converting salt and brackish water into
(NASA-CASE-ERC-10324] C07 N72-25173	potable water
System for detecting impact position of cosmic	[NASA-CASE-IMS-04533] c15 N71-23086 Chlorine generator for purifying water in life
dust on detector surface	support systems of manned spacecraft
[NASA-CASE-GSC-11291-1] c25 N72-33696 Device for recording locations of measurements	[NASA-CASE-XLA-08913] C14 N71-28933
made by hand-held noncontacting probe	Potable water dispenser
[NASA-CASE-LAR-10806-1] C14 N/3-154/4	[NASA-CASE-MFS-21115-1] C05 N74-12779 Metering gun for dispensing precisely measured
Development of radio locating system for	charges of fluid
monitoring geographic movement of surface vehicles in metropolitan area using	[NASA-CASE-NFS-21163-1] COS N74-17853
unsynchronized radio broadcasting stations	POTASSIUM SILICATES
[NASA-CASE-NPO-13217-1] CO7 N73-26144	Fireproof potassium silicate coating
Collimator for analyzing spatial location of	composition, insoluble in water after
near and distant sources of radiation [NASA-CASE-MFS-20546-2] c14 N73-30389	application [NASA-CASE-GSC-10072] c18 M71-14014
[NASA-CASE-MFS-20546-2] c14 N73-30389 POSITION INDICATORS	POTENTIONETERS (INSTRUMENTS)
Rocket-horne aspect sensor consisting of	Two axis flight controller with potentiometer
radiation sensor, apertured disk, commutator,	control shafts directly coupled to rotatable
and counting circuits [NASA-CASE-YES-08266] C14 N69-27432	ball members [NASA-CASE-XFR-04104] c03 N70-42073
[NASA-CASE-XGS-08266] C14 N69-2/432 Characteristics and performance of electrical	Device for controlling rotary potentiometer
system to determine angular rotation	mounted on aircraft steering wheel or aileron
[NASA-CASE-XMF-00447] c14 N70-33179	control c15 N71-23809 c15 N71-23809
Magnetic element position sensing device, using	[NASA-CASE-XAC-10019] c15 N71-23809 Mechanical function generators with
misaligned electromagnets [NASA-CASE-XGS-07514] c23 N71-16099	potentiometer as sensing element
Describing angular position and velocity sensing	[NASA-CASE-XAC-00001] C15 N71-28952
apparatus	POTTING COMPOUNDS
[NASA-CASE-XGS-05680] c14 N71-17585	Removable potting compound for instrument shock
Mosaic semiconductor radiation detector and position indicator systems engineering for low	protection [NASA-CASE-XLA-00482] c15 N70-36409
position indicator systems engineering for to-	
energy particles	flexible, repairable, pottable composition for
energy particles [NASA-CASE-XGS-03230] c14 N71-23401	Plexible, repairable, pottable composition for encapsulating electric connectors
[NASA-CASE-XGS-03230] c14 N71-23401 Doppler compensated communication system for	encapsulating electric connectors [NASA-CASE-XGS-05180] c18 N71-25881
[NASA-CASE-XGS-03230] c14 N71-23401 Doppler compensated communication system for locating supersonic transport position	encapsulating electric connectors [NASA-CASE-XGS-05180] c18 N71-25881 Thermally conductive polymer for potting
[NASA-CASE-MGS-03230] c14 N71-23401 poppler compensated communication system for locating supersonic transport position [NASA-CASE-GSC-10087-4] c07 N73-20174	encapsulating electric connectors [NASA-CASE-KGS-05180] c18 N71-25881 Thermally conductive polymer for potting electrical components
[NASA-CASE-XGS-03230] c14 N71-23401 Doppler compensated communication system for locating supersonic transport position	encapsulating electric connectors [NASA-CASE-IGS-05180] c18 N71-25881 Thermally conductive polymer for potting electrical components [NASA-CASE-GSC-11304-1] c06 N72-21105 POWDER METALLURGY
[NASA-CASE-IGS-03230] c14 N71-23401 Doppler compensated communication system for locating supersonic transport position [NASA-CASE-GSC-10087-4] c07 N73-20174 Aircraft mounted crash location transmitter for	encapsulating electric connectors [NASA-CASE-XGS-05180] c18 N71-25881 Thermally conductive polymer for potting electrical components [NASA-CASE-GSC-11304-1] c06 N72-21105 POWDER RETALLURGY Freeze casting of metal ceramic and refractory
[NASA-CASE-MGS-03230] c14 N71-23401 Doppler compensated communication system for locating supersonic transport position [NASA-CASE-GSC-10087-4] c07 N73-20174 Aircraft mounted crash location transmitter for emergency signal transmission after crashes [NASA-CASE-MFS-16609-2] c07 N73-31084 POSITIONING	encapsulating electric connectors [NASA-CASE-KGS-05180] c18 N71-25881 Thermally conductive polymer for potting electrical components [NASA-CASE-GSC-11304-1] c06 N72-21105 POWDER METALLURGY Freeze casting of metal ceramic and refractory compound powders into plastic slips
[NASA-CASE-IGS-03230] c14 N71-23401 Doppler compensated communication system for locating supersonic transport position [NASA-CASE-GSC-10087-4] c07 N73-20174 Aircraft mounted crash location transmitter for emergency signal transmission after crashes [NASA-CASE-NFS-16609-2] c07 N73-31084 POSITIONING Centering device with ultrafine adjustment for	encapsulating electric connectors [NASA-CASE-KGS-05180] c18 N71-25881 Thermally conductive polymer for potting electrical components [NASA-CASE-GSC-11304-1] c06 N72-21105 POWDER METALLURGY Freeze casting of metal ceramic and refractory compound powders into plastic slips [NASA-CASE-KLE-00106] c15 N71-16076
[NASA-CASE-IGS-03230] c14 N71-23401 Doppler compensated communication system for locating supersonic transport position [NASA-CASE-GSC-10087-4] c07 N73-20174 AirCraft mounted crash location transmitter for emergency signal transmission after crashes [NASA-CASE-MFS-16609-2] c07 N73-31084 POSITIONING Centering device with ultrafine adjustment for use with roundness measuring apparatus	encapsulating electric connectors [NASA-CASE-XGS-05180] Thermally conductive polymer for potting electrical components [NASA-CASE-GSC-11304-1] CO6 N72-21105 POWDER METALLURGY Freeze casting of metal ceramic and refractory compound powders into plastic slips [NASA-CASE-XLE-00106] C15 N71-16076 Production method for manufacturing porous tungsten bodies from tungsten powder particles
[NASA-CASE-XGS-03230] c14 N71-23401 Doppler compensated communication system for locating supersonic transport position [NASA-CASE-GSC-10087-4] c07 N73-20174 Aircraft mounted crash location transmitter for emergency signal transmission after crashes [NASA-CASE-NFS-16609-2] c07 N73-31084 POSITIONING Centering device with ultrafine adjustment for use with roundness measuring apparatus [NASA-CASE-XMF-00480] c14 N70-39898 Portable device for aligning surfaces of two	encapsulating electric connectors [NASA-CASE-XGS-05180] c18 N71-25881 Thermally conductive polymer for potting electrical components [NASA-CASE-GSC-11304-1] c06 N72-21105 POUDER METALLURGY Preeze casting of metal ceramic and refractory compound powders into plastic slips [NASA-CASE-XLE-00106] c15 N71-16076 Production method for manufacturing porous tungsten bodies from tungsten powder particles [NASA-CASE-XNP-04339] c17 N71-29137
[NASA-CASE-IGS-03230] c14 N71-23401 Doppler compensated communication system for locating supersonic transport position [NASA-CASE-GSC-10087-4] c07 N73-20174 Aircraft mounted crash location transmitter for emergency signal transmission after crashes [NASA-CASE-NFS-16609-2] c07 N73-31084 POSITIONING Centering device with ultrafine adjustment for use with roundness measuring apparatus [NASA-CASE-NFF-00480] c14 N70-39898 Portable device for aligning surfaces of two adjacent wall or sheet sections for joining at	encapsulating electric connectors [NASA-CASE-XGS-05180] c18 N71-25881 Thermally conductive polymer for potting electrical components [NASA-CASE-GSC-11304-1] c06 N72-21105 POUDER METALLURGY Freeze casting of metal ceramic and refractory compound powders into plastic slips [NASA-CASE-XLE-00106] c15 N71-16076 Production method for manufacturing porous tungsten bodies from tungsten powder particles [NASA-CASE-XNP-04333] c17 N71-29137 Dry electrode manufacture, using silver powder
[NASA-CASE-IGS-03230] c14 N71-23401 Doppler compensated communication system for locating supersonic transport position [NASA-CASE-GSC-10087-4] c07 N73-20174 Aircraft mounted crash location transmitter for emergency signal transmission after crashes [NASA-CASE-MFS-16609-2] c07 N73-31084 POSITIONING Centering device with ultrafine adjustment for use with roundness measuring apparatus [NASA-CASE-MFS-0480] c14 N70-39898 Portable device for aligning surfaces of two adjacent wall or sheet sections for joining at point of junction	encapsulating electric connectors [NASA-CASE-XGS-05180] c18 N71-25881 Thermally conductive polymer for potting electrical components [NASA-CASE-GSC-11304-1] c06 N72-21105 POWDER METALLURGY Freeze casting of metal ceramic and refractory compound powders into plastic slips [NASA-CASE-XLE-00106] c15 N71-16076 Production method for manufacturing porous tungsten bodies from tungsten powder particles [NASA-CASE-XNP-04339] c17 N71-29137 Dry electrode manufacture, using silver powder with cement
[NASA-CASE-XGS-03230] c14 N71-23401 Doppler compensated communication system for locating supersonic transport position [NASA-CASE-GSC-10087-4] c07 N73-20174 Aircraft mounted crash location transmitter for emergency signal transmission after crashes [NASA-CASE-NFS-16609-2] c07 N73-31084 POSITIONING Centering device with ultrafine adjustment for use with roundness measuring apparatus [NASA-CASE-XHF-00480] c14 N70-39898 Portable device for aligning surfaces of two adjacent wall or sheet sections for joining at point of junction [NASA-CASE-XHF-01452] c15 N70-41371	encapsulating electric connectors [NASA-CASE-KGS-05180] Thermally conductive polymer for potting electrical components [NASA-CASE-GSC-11304-1] POWDER METALLURGY Freeze casting of metal ceramic and refractory compound powders into plastic slips [NASA-CASE-KLE-00106] Production method for manufacturing porous tungsten bodies from tungsten powder particles [NASA-CASE-XNP-04339] Dry electrode manufacture, using silver powder with cement [NASA-CASE-FRC-10029-21] C18 N71-25881 C18 N71-25881 C18 N71-25881 C18 N71-25881 C19 N71-29137 C17 N71-29137 C17 N71-29137 C18 N71-29137 C18 N71-29137 C18 N71-29137 C19 N71-29137 C19 N71-29137 C19 N71-29137 C19 N71-29137
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[NASA-CASE-XGS-03230] c14 N71-23401 Doppler compensated communication system for locating supersonic transport position [NASA-CASE-GSC-10087-4] c07 N73-20174 Aircraft mounted crash location transmitter for emergency signal transmission after crashes [NASA-CASE-NFS-16609-2] c07 N73-31084 POSITIONING Centering device with ultrafine adjustment for use with roundness measuring apparatus [NASA-CASE-XHF-00480] c14 N70-39898 Portable device for aligning surfaces of two adjacent wall or sheet sections for joining at point of junction [NASA-CASE-XHF-01452] c15 N70-41371 Electro-optical/computer system for aligning large structural members and maintaining correct position [NASA-CASE-XHF-02029] c14 N70-41955	encapsulating electric connectors [NASA-CASE-KGS-05180] Thermally conductive polymer for potting electrical components [NASA-CASE-GSC-11304-1] CO6 N72-21105 POWDER METALLURGY Freeze casting of metal ceramic and refractory compound powders into plastic slips [NASA-CASE-KLE-00106] C15 N71-16076 Production method for manufacturing porous tungsten bodies from tungsten powder particles [NASA-CASE-XNP-04339] C17 N71-29137 Dry electrode manufacture, using silver powder with cement [NASA-CASE-FRC-10029-2] Grinding mixtures of powdered metals and inert fillers for conversion to halide [NASA-CASE-LEW-10450-1] Superalloys from prealloyed powders at high
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[NASA-CASE-XGS-03230] c14 N71-23401 Doppler compensated communication system for locating supersonic transport position [NASA-CASE-GSC-10087-4] c07 N73-20174 Aircraft mounted crash location transmitter for emergency signal transmission after crashes [NASA-CASE-NFS-16609-2] c07 N73-31084 POSITIONING Centering device with ultrafine adjustment for use with roundness measuring apparatus [NASA-CASE-XHF-00480] c14 N70-39898 Portable device for aligning surfaces of two adjacent wall or sheet sections for joining at point of junction [NASA-CASE-XHF-01452] c15 N70-41371 Electro-optical/computer system for aligning large structural members and maintaining correct position [NASA-CASE-XHF-02029] c14 N70-41955	encapsulating electric connectors [NASA-CASE-KGS-05180] Thermally conductive polymer for potting electrical components [NASA-CASE-GSC-11304-1] POWDER METALLURGY Freeze casting of metal ceramic and refractory compound powders into plastic slips [NASA-CASE-KLE-00106] Production method for manufacturing porous tungsten bodies from tungsten powder particles [NASA-CASE-XNP-04339] C17 N71-29137 Dry electrode manufacture, using silver powder with cement [NASA-CASE-FRC-10029-2] Grinding mixtures of powdered metals and inert fillers for conversion to halide [NASA-CASE-LEW-10450-1] Superalloys from prealloyed powders at high temperatures [NASA-CASE-LEW-10805-1] Development of method for fabricating cermets
[NASA-CASE-XIGS-03230] c14 N71-23401 Doppler compensated communication system for locating supersonic transport position [NASA-CASE-GSC-10087-4] c07 N73-20174 Aircraft mounted crash location transmitter for emergency signal transmission after crashes [NASA-CASE-NFS-16609-2] c07 N73-31084 POSITIONING Centering device with ultrafine adjustment for use with roundness measuring apparatus [NASA-CASE-XHF-00480] c14 N70-39898 Portable device for aligning surfaces of two adjacent wall or sheet sections for joining at point of junction [NASA-CASE-XHF-01452] c15 N70-41371 Electro-optical/computer system for aligning large structural members and maintaining correct position [NASA-CASE-XHF-02029] c14 N70-41955 Manual control mechanism for adjusting control rod to null position [NASA-CASE-XLA-01808] c15 N71-20740 Tool positioning holder for grinding by ball	encapsulating electric connectors [NASA-CASE-KGS-05180] c18 N71-25881 Thermally conductive polymer for potting electrical components [NASA-CASE-GSC-11304-1] c06 N72-21105 POWDER METALLURGY Freeze casting of metal ceramic and refractory compound powders into plastic slips [NASA-CASE-KLE-00106] c15 N71-16076 Production method for manufacturing porous tungsten bodies from tungsten powder particles [NASA-CASE-XNP-04339] c17 N71-29137 Dry electrode manufacture, using silver powder with cement [NASA-CASE-FRC-10029-2] c05 N72-25121 Grinding mixtures of powdered metals and inert fillers for conversion to halide [NASA-CASE-LEW-10450-1] c15 N72-25448 Superalloys from prealloyed powders at high temperatures [NASA-CASE-LEW-10805-1] c15 N73-13465 Development of method for fabricating cermets and analysis of various compositions to show
[NASA-CASE-XGS-03230] c14 N71-23401 Doppler compensated communication system for locating supersonic transport position [NASA-CASE-GSC-10087-4] c07 N73-20174 Aircraft mounted crash location transmitter for emergency signal transmission after crashes [NASA-CASE-NFS-16609-2] c07 N73-31084 POSITIONING Centering device with ultrafine adjustment for use with roundness measuring apparatus [NASA-CASE-XHF-00480] c14 N70-39898 Portable device for aligning surfaces of two adjacent wall or sheet sections for joining at point of junction [NASA-CASE-XHF-01452] c15 N70-41371 Electro-optical/computer system for aligning large structural members and maintaining correct position [NASA-CASE-XHP-02029] c14 N70-41955 Manual control mechanism for adjusting control rod to null position [NASA-CASE-XLA-01808] c15 N71-20740 Tool positioning holder for grinding by ball nose milling cutter	encapsulating electric connectors [NASA-CASE-KGS-05180] Thermally conductive polymer for potting electrical components [NASA-CASE-GSC-11304-1] POWDER HETALLURGY Freeze casting of metal ceramic and refractory compound powders into plastic slips [NASA-CASE-KLE-00106] C15 N71-16076 Production method for manufacturing porous tungsten bodies from tungsten powder particles [NASA-CASE-XNP-04339] Dry electrode manufacture, using silver powder with cement [NASA-CASE-FRC-10029-2] C05 N72-25121 Grinding mixtures of powdered metals and inert fillers for conversion to halide [NASA-CASE-LEW-10450-1] Superalloys from prealloyed powders at high temperatures [NASA-CASE-LEW-10805-1] Development of method for fabricating cermets and analysis of various compositions to show electrical and physical properties
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[NASA-CASE-XGS-03230] c14 N71-23401 Doppler compensated communication system for locating supersonic transport position [NASA-CASE-GSC-10087-4] c07 N73-20174 Aircraft mounted crash location transmitter for emergency signal transmission after crashes [NASA-CASE-NFS-16609-2] c07 N73-31084 POSITIONING Centering device with ultrafine adjustment for use with roundness measuring apparatus [NASA-CASE-XHF-00480] c14 N70-39898 Portable device for aligning surfaces of two adjacent wall or sheet sections for joining at point of junction [NASA-CASE-XHF-01452] c15 N70-41371 Electro-optical/computer system for aligning large structural members and maintaining correct position [NASA-CASE-XHP-02029] c14 N70-41955 Manual control mechanism for adjusting control rod to null position [NASA-CASE-XLA-01808] c15 N71-20740 Tool positioning holder for grinding by ball nose milling cutter	encapsulating electric connectors [NASA-CASE-KGS-05180] Thermally conductive polymer for potting electrical components [NASA-CASE-GSC-11304-1] POWDER METALLURGY Freeze casting of metal ceramic and refractory compound powders into plastic slips [NASA-CASE-KLE-00106] Production method for manufacturing porous tungsten bodies from tungsten powder particles [NASA-CASE-XNP-04339] C17 N71-29137 Dry electrode manufacture, using silver powder with cement [NASA-CASE-FRC-10029-2] C05 N72-25121 Grinding mixtures of powdered metals and inert fillers for conversion to halide [NASA-CASE-LEW-10450-1] Superalloys from prealloyed powders at high temperatures [NASA-CASE-LEW-10805-1] Development of method for fabricating cermets and analysis of various compositions to show electrical and physical properties [NASA-CASE-NPO-13120-1] Method of heat treating a formed powder product material
[NASA-CASE-NEF-01452] Control of yuntrion grant and maintaining algorithm and provided the point of processing at the control of two adjustment for use with roundness measuring apparatus [NASA-CASE-NFF-00480] POSITIONING Centering device with ultrafine adjustment for use with roundness measuring apparatus [NASA-CASE-NFF-00480] Portable device for aligning surfaces of two adjacent wall or sheet sections for joining at point of junction [NASA-CASE-NFF-01452] Electro-optical/computer system for aligning large structural members and maintaining correct position [NASA-CASE-NFP-02029] Manual control mechanism for adjusting control rod to null position [NASA-CASE-NIA-01808] Tool positioning holder for grinding by ball nose milling cutter [NASA-CASE-LAR-10450-1] Rotating raster generator [NASA-CASE-PRC-10071-1] POSITIONING DEVICES (BACHINERY)	encapsulating electric connectors [NASA-CASE-XGS-05180] Thermally conductive polymer for potting electrical components [NASA-CASE-GSC-11304-1] C06 N72-21105 POWDER METALLURGY Freeze casting of metal ceramic and refractory compound powders into plastic slips [NASA-CASE-XLE-00106] C15 N71-16076 Production method for manufacturing porous tungsten bodies from tungsten powder particles (NASA-CASE-XLE-04339] C17 N71-29137 Dry electrode manufacture, using silver powder with cement [NASA-CASE-XRP-04339] C17 N72-25121 Grinding mixtures of powdered metals and inert fillers for conversion to halide [NASA-CASE-LEW-10450-1] Superalloys from prealloyed powders at high temperatures [NASA-CASE-LEW-10805-1] Development of method for fabricating cermets and analysis of various compositions to show electrical and physical properties [NASA-CASE-NFO-13120-1] Method of heat treating a formed powder product material [NASA-CASE-LEW-10805-3] C17 N74-10521
[NASA-CASE-XBS-03230] c14 N71-23401 Doppler compensated communication system for locating supersonic transport position [NASA-CASE-GSC-10087-4] c07 N73-20174 Aircraft mounted crash location transmitter for emergency signal transmission after crashes [NASA-CASE-MFS-16609-2] c07 N73-31084 POSITIONING Centering device with ultrafine adjustment for use with roundness measuring apparatus [NASA-CASE-XHF-00480] c14 N70-39898 Portable device for aligning surfaces of two adjacent wall or sheet sections for joining at point of junction [NASA-CASE-XMF-01452] c15 N70-41371 Electro-optical/computer system for aligning large structural members and maintaining correct position [NASA-CASE-XNF-02029] c14 N70-41955 Manual control mechanism for adjusting control rod to null position [NASA-CASE-XLA-01808] c15 N71-20740 Tool positioning holder for grinding by ball nose milling cutter [NASA-CASE-LAR-10450-1] c15 N73-10504 Rotating raster generator [NASA-CASE-PRC-10071-1] c07 N74-20813 POSITIONING DEVICES (BACHINERY) Swivel support for gas bearing for position	encapsulating electric connectors [NASA-CASE-XGS-05180] Thermally conductive polymer for potting electrical components [NASA-CASE-GSC-11304-1] C06 N72-21105 POWDER METALLURGY Freeze casting of metal ceramic and refractory compound powders into plastic slips [NASA-CASE-XLE-00106] Production method for manufacturing porous tungsten bodies from tungsten powder particles [NASA-CASE-XNP-04339] C17 N71-2913 Dry electrode manufacture, using silver powder with cement [NASA-CASE-FRC-10029-2] Grinding mixtures of powdered metals and inert fillers for conversion to halide [NASA-CASE-LEW-10450-1] Superalloys from prealloyed powders at high temperatures [NASA-CASE-LEW-10805-1] Development of method for fabricating cermets and analysis of various compositions to show electrical and physical properties [NASA-CASE-NPO-13120-1] Method of heat treating a formed powder product material [NASA-CASE-LEW-10805-3] Method of forming articles of manufacture from
[NASA-CASE-XGS-03230] c14 N71-23401 Doppler compensated communication system for locating supersonic transport position [NASA-CASE-GSC-10087-4] c07 N73-20174 Aircraft mounted crash location transmitter for emergency signal transmission after crashes [NASA-CASE-MFS-16609-2] c07 N73-31084 POSITIONING Centering device with ultrafine adjustment for use with roundness measuring apparatus [NASA-CASE-XHF-00480] c14 N70-39898 Portable device for aligning surfaces of two adjacent wall or sheet sections for joining at point of junction [NASA-CASE-XHF-01452] c15 N70-41371 Electro-optical/computer system for aligning large structural members and maintaining correct position [NASA-CASE-XHF-02029] c14 N70-41955 Manual control mechanism for adjusting control rod to null position [NASA-CASE-XLA-01808] c15 N71-20740 Tool positioning holder for grinding by ball nose milling cutter [NASA-CASE-LAR-10450-1] c15 N73-10504 Rotating raster generator [NASA-CASE-LAR-10450-1] c07 N74-20813 POSITIONING DEVICES (BACHINERY) Svivel support for gas bearing for position adjustment between ball and supporting cup	encapsulating electric connectors [NASA-CASE-KGS-05180] Thermally conductive polymer for potting electrical components [NASA-CASE-GSC-11304-1] CO6 N72-21105 POWDER METALLURGY Freeze casting of metal ceramic and refractory compound powders into plastic slips [NASA-CASE-KLE-00106] C15 N71-16076 Production method for manufacturing porous tungsten bodies from tungsten powder particles [NASA-CASE-KNE-04339] C17 N74-29137 Dry electrode manufacture, using silver powder with cement [NASA-CASE-FRC-10029-2] Grinding mixtures of powdered metals and inert fillers for conversion to halide [NASA-CASE-LEW-10450-1] Superalloys from prealloyed powders at high temperatures [NASA-CASE-LEW-10805-1] Development of method for fabricating cermets and analysis of various compositions to show electrical and physical properties [NASA-CASE-NPO-13120-1) Method of heat treating a formed powder product material [NASA-CASE-LEW-10805-3] Method of forming articles of manufacture from superalloy powders
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[NASA-CASE-XGS-03230] c14 N71-23401 Doppler compensated communication system for locating supersonic transport position [NASA-CASE-GSC-10087-4] c07 N73-20174 Aircraft mounted crash location transmitter for emergency signal transmission after crashes [NASA-CASE-MFS-16609-2] c07 N73-31084 POSITIONING Centering device with ultrafine adjustment for use with roundness measuring apparatus [NASA-CASE-XHF-00480] c14 N70-39898 Portable device for aligning surfaces of two adjacent wall or sheet sections for joining at point of junction [NASA-CASE-XHF-01452] c15 N70-41371 Electro-optical/computer system for aligning large structural members and maintaining correct position [NASA-CASE-XHF-02029] c14 N70-41955 Manual control mechanism for adjusting control rod to null position [NASA-CASE-XLA-01808] c15 N71-20740 Tool positioning holder for grinding by ball nose milling cutter [NASA-CASE-XLA-01808] c15 N71-20740 Rotating raster generator [NASA-CASE-LAR-10450-1] c07 N74-20813 POSITIONING DEVICES (MACHINERY) Swivel support for gas bearing for position adjustment between ball and supporting cup {NASA-CASE-NIT-07808} Caterpillar micropositioner for positioning machine tools adjacent to workplece	encapsulating electric connectors [NASA-CASE-KGS-05180] c18 N71-25881 Thermally conductive polymer for potting electrical components [NASA-CASE-GSC-11304-1] c06 N72-21105 POWDER METALLURGY Freeze casting of metal ceramic and refractory compound powders into plastic slips [NASA-CASE-KLE-00106] c15 N71-16076 Production method for manufacturing porous tungsten bodies from tungsten powder particles [NASA-CASE-XNP-04339] c17 N71-29137 Dry electrode manufacture, using silver powder with cement [NASA-CASE-KRC-10029-2] c05 N72-25121 Grinding mixtures of powdered metals and inert fillers for conversion to halide [NASA-CASE-LEW-10450-1] c15 N72-25448 Superalloys from prealloyed powders at high temperatures [NASA-CASE-LEW-10805-1] c15 N73-13465 Development of method for fabricating cermets and analysis of various compositions to show electrical and physical properties [NASA-CASE-NPO-13120-1] c18 N73-23629 Method of heat treating a formed powder product material [NASA-CASE-LEW-10805-3] c17 N74-10521 Method of forming articles of manufacture from superalloy powders [NASA-CASE-LEW-10805-2] c15 N74-13179 POWER AMPLIFIERS Characteristics of high power, low distortion,
[NASA-CASE-XBF-03230] Doppler compensated communication system for locating supersonic transport position [NASA-CASE-GSC-10087-4] Aircraft mounted crash location transmitter for emergency signal transmission after crashes [NASA-CASE-NFS-16609-2] CO7 N73-31084 POSITIONING Centering device with ultrafine adjustment for use with roundness measuring apparatus [NASA-CASE-XHF-00480] C14 N70-39898 Portable device for aligning surfaces of two adjacent wall or sheet sections for joining at point of junction [NASA-CASE-XHF-01452] Electro-optical/computer system for aligning large structural members and maintaining correct position [NASA-CASE-XHF-02029] Manual control mechanism for adjusting control rod to null position [NASA-CASE-XLA-01808] Tool positioning holder for grinding by ball nose milling cutter [NASA-CASE-LAR-10450-1] Rotating raster generator [NASA-CASE-PRC-10071-1] POSITIONING DEVICES (BACHINERY) Swivel support for gas bearing for position adjustment between ball and supporting cup [NASA-CASE-XHF-07808] C15 N71-23812 Caterpillar micropositioner for positioning	encapsulating electric connectors [NASA-CASE-IGS-05180] Thermally conductive polymer for potting electrical components [NASA-CASE-GSC-11304-1] C06 N72-21105 POWDER METALLURGY Freeze casting of metal ceramic and refractory compound powders into plastic slips [NASA-CASE-KLE-00106] Production method for manufacturing porous tungsten bodies from tungsten powder particles (NASA-CASE-KNP-04339] C17 N71-29137 Dry electrode manufacture, using silver powder with cement [NASA-CASE-KRC-10029-2] Grinding mixtures of powdered metals and inert fillers for conversion to halide [NASA-CASE-LEW-10450-1] Superalloys from prealloyed powders at high temperatures [NASA-CASE-LEW-10805-1] Development of method for fabricating cermets and analysis of various compositions to show electrical and physical properties [NASA-CASE-NPO-13120-1] Method of heat treating a formed powder product material [NASA-CASE-LEW-10805-3] Method of forming articles of manufacture from superalloy powders [NASA-CASE-LEW-10805-2] C15 N74-13179 POWER AMPLIFIERS

Power supply with automatic power factor	[NASA-CASE-XMS-01991]
conversion system \[\int \text{NASA-CASE-XMS-02159} \] \tag{c10 N71-22961}	<pre>power supply with automatic power factor conversion system</pre>
[NASA-CASE-XMS-02159] c10 N71-22961 V Solid State broadband stable power amplifier	[NASA-CASE-XMS-02159] C10 N71-22961
[NASA-CASE-XNP-10854] c10 N71-26331	Electric circuit for reversing direction of
Bligh efficiency transformerless amplitude	current flow [NASA-CASE-XNP-00952] c10 N71-23271
modulator coupled to RF power amplifier [NASA-CASE-GSC-10668-1] c07 N71-28430	
POURR EFFICIENCY	stage transistor
Low power drain transistor feedback circuit	[NASA-CASE-XMS-00913] c10 N71-23543
[NASA-CASE-XGS-04999] c09 N69-24317 Excitation and detection circuitry for flux	Automatic power supply circuit design for driving inductive loads and minimizing power
responsive magnetic head	consumption including solenoid example
(NASA-CASE-XNP-04183] c09 N69-24329	[NASA-CASE-NPO-10716] C09 N71-24892
# Increasing available power per unit area in ion	Unsaturating magnetic core transformer design with warning signal for electrical power
rocket engine by increasing beam density [NASA-CASE-XLE-00519] c28 N70-41576	processing equipment
Absorbing gas reactivity control system for	[NASA-CASE-BRC-10125] C09 N71-24893
minimizing power distribution and perturbation in nuclear reactors	Device for monitoring voltage by generating signal when voltages drop below predetermined
[NASA-CASE-XLE-04599] c22 N72-20597	value
POBER GAIN	[NASA-CASE-KSC-10020] c10 N71-27338
Serrodyne traveling wave tube reentrant	Power point tracker for maintaining optimal output woltage of power source
amplifier for synchronous communication satellites operating at microwave frequencies	[NASA-CASE-GSC-10376-1]
[NASA-CASE-XGS-01022] c07 N71-16088	Microwave power divider for providing variable
Switching circuit for control of cathode ray	output power to output waveguide in fixed waveguide system
tube beam with fast rise time for output signal [NASA-CASE-KSC-10647-1] c10 N72-31273	[NASA-CASE-NPO-11031] c07 N71-33600
POUR LIMITERS	Circuit for monitoring power supply by ripple
Monostable multivibrator for conserving power in	current indication [NASA-CASE-KSC-10162] c09 N72~1122
spacecraft systems [NASA-CASE-GSC-10082-1] c10 N72-20221	Do to ac to do converter with transistor driven
POWER LINES .	synchronous rectifiers
Patent data on terminal insert connector for flat electric cables	[NASA-CASE-GSC-11126-1] C09.N72-2525; Integrated circuit power gyrator with Z-matrix
[NASA-CASE-XMF-00324] c09 x70-34596	design using parallel transistors
Motor run-up system for preventing power	[NASA-CASE-MFS-22342-1] c09 N73-24230
line disturbances when synchronous motor is	PRECESSION Dynamic precession damping of spin-stabilized
connected to line [NASA-CASE-NPO-13374-1] c10 N74-17949	vehicles by using rate gyroscope and angular
POURE SERIES	accelerometer [NASA-CASE-XLA-01989]
Describing circuit for obtaining sum of squares of numbers	[NASA-CASE-XLA-01989] c21 N70-3429
(NASA-CASE-XGS-04765) CO8 N71-18693 POWER SPECTRA	Precision stepping drive device using cam disk [NASA-CASE-MFS-14772] c15 N71-1769:
Method and apparatus for high resolution power	Method and apparatus for precision sizing and joining of large diameter tubes by bulging or
spectrum analysis [NASA-CASE-NPO-10748] c08 N72-20177	constricting overlapping ends
PORRE SUPPLIES	[NASA-CASE-XMF-05114-2] c15 N71-2614
Tape recorder designed for low power consumption and resistance to operational failure under	PREDICTION ANALYSIS TECHNIQUES A space vehicle
high stress conditions	[NASA-CASE-MFS-22734-1] c31 N74-2054
[NASA-CASE-XGS-08259] c14 N71-23698	PREFLIGHT OPERATIONS
Current dependent variable inductance for input filter chokes of ac or dc power supplies	Automatic balancing device for use on frictionless supported attitude-controlled
[NASA-CASE-ERC-10139] C09 N72-17154	test platforms
performance of ac power supply developed for CO2	[NASA-CASE-LAR-10774] c10 N71-1354 PRELAUNCH TESTS
laser system [NASA-CASE-GSC-11222-1] c16 N73-32391	Low loss parasitic probe antenna for prelaunch
POUR SUPPLY CIRCUITS	tests of spacecraft antennas
Regulated dc to dc converter [NASA-CASE-XGS-03429] c03 N69-21330	[NASA-CASE-XKS-09348] c09 N71-1352 Digital computer system for automatic prelaunch
Power control switching circuit using low	checkout of spacecraft
voltage semiconductor controlled rectifiers	[NASA-CASE-XKS-08012-2] c31 N71-1556
for high voltage isolation [NASA-CASE-XNP-02713] c10 N69-39888	PREPOLYHERS Carboxyl terminated polyester prepolymers and
Increasing power conversion efficiency of	foams produced from prepolymers and materials
electronic amplifiers by power supply switching [MASA-CASE-YMS-00945] C09 N71-10798	[NASA-CASE-NPO-10596] c06 N71-2592 PRESSORE CHAMBERS
[NASA-CASE-XMS-00945] c09 M71-10798 Blectric power system utilizing thermionic	Triggering system for electric arc driven
plasma diodes in parallel and heat pipes as	impulse wind tupnel
cathodes [NASA-CASE-IHF-05843] c03 N71-11055	[NASA-CASE-INF-00411] c11 N70-3691 Bhole body measurement systems for
pulsed energy power system for application of	veightlessness simulation
combustible gases to turbine controlling ac	[NASA-CASE-MSC-13972-1] c05 N74~1097 PRESSORE DISTRIBUTION
voltage generator [NASA-CASE-MSC-13112] c03 N71-11057	Piston device for producing known constant
nata processor having multiple sections	positive pressure within lungs by using
activated at different times by selective power coupling to sections	thoracic muscles [NASA-CASE-IMS-01615] c05 N70-4132
FNASA-CASE-XGS-04767] C08 N71-12494	Preventing pressure buildup in electrochemical
microwage power receiving aptenna solving heat	cells by reacting palladium oxide with evolved
dissipation problems by construction of elements as heat pipe devices	hydrogen [NASA-CASE-NGS-01419] c03 N70-4186
rnasa-case-mps-203331 co9 N71-13486	perice for suppressing pressure oscillations in
Design, development, and operating principles of power supply with starting circuit which is	fluid transmission line [NASA-CASE-HFS-10354-2] c12 N72-2530
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-	T 4:10

PRESSURE EFFECTS SUBJECT INDEX

PRESSURE REFECTS	Underwater space suit pressure control regulator
Vacuum displacement compression molding of	[NASA-CASE-MES-20332-2] c05 N73-25125
tubular bodies from thermosetting plastics	Development and characteristics of combined
[NASA-CASE-LAR-10782-2] c15 N73-31444 System for stabilizing cable phase delay	pressure regulator and shutoff valve with variable pressure response characteristics
utilizing a coaxial cable under pressure	[NASA-CASE-NPO-13201-1] c15 R73-26474
[NASA-CASE-NPO-13138-1] CO9 N74-17927	PRESSURE SENSORS
PRESSURE GAGES	Fabrication of pressure-telemetry transducers
Differential pressure cell insensitive to changes in ambient temperature and extreme	[MASA-CASE-XNP-09752] c14 N69-21541 Pressure probe for sensing ambient static air
overload	pressures
[NASA-CASE-XAC-00042] c14 N70-34816	[NASA-CASE-XLA-00481] c14 N70-36824
Blood pressure measuring system for separately	Ambient atmospheric pressure sensing device for
recording dc and ac pressure signals of	determining altitude of flight vehicles
Korotkoff sounds [NASA-CASE-XMS-06061] c05 N71-23317	[NASA-CASE-XLA-00128] c15 N70-37925 Dynamic sensor for gas pressure or density
Control system for pressure balance device used	measurement
in calibrating pressure gages	[NASA-CASE-XAC-02877] c14 N70-41681
[NASA-CASE-XMF-04134] c14 N71-23755	Design and development of inertia diaphragm
Improved McLeod gage for pressure measurement [NASA-CASE-XAC-04458] c14 N71-24232	pressure transducer [NASA-CASE-XAC-02981] c14 N71-21072
Ultrahigh vacuum gauge with two collector	Design and development of pressure sensor for
electrodes	measuring differential pressures of few pounds
[NASA-CASE-LAR-02743] c14 N73-32324	per square inch
PRESSURE GRADIENTS Positive displacement flowmeter for measuring	[NASA-CASE-XMF-01974] c14 N71-22752
extremely low flows of fluid with self	Combination pressure transducer-calibrator assembly for measuring fluid
calibrating features	[NASA-CASE-XNP-01660] C14 N71-23036
[NASA-CASE-XMF-02822] c14 N70-41994	Pressure sensor network for measuring liquid
PRESSORE MEASUREMENTS	dynamic response in flight including fuel tank
Design and development of inertia diaphragm pressure transducer	acceleration, liquid slosh amplitude, and fuel depth monitoring
[NASA-CASE-XAC-02981] c14 N71-21072	[NASA-CASE-XLA-05541] c12 N71-26387
Design and development of pressure sensor for	Miniature electromechanical junction transducer
measuring differential pressures of few pounds	operating on piezojunction effect and
per square inch { NASA-CASE-XNF-01974 } c14 N71-22752	utilizing epoxy for stress coupling component [NASA-CASE-ERC-10087] c14 N71-27334
Improved McLeod gage for pressure measurement	Method for making pressurized meteoroid
[NASA-CASE-XAC-04458] c14 N71-24232	penetration detector panels
Coherent light beam device and method for	[NASA-CASE-XLA-08916] c15 N71-29018
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Design, development, and characteristics of	immersed in fluid flow
pressure and temperature sensor operating	[NASA-CASE-LEW-10281-1] c14 N72-17327
immersed in fluid flow [NASA-CASE-LEW-10281-1] c14 N72-17327	Pressure transducer for systems for measuring forces of compression
Calibration of vacuum gauges for measuring total	[NASA-CASE-NPO-10832] c14 N72-21405
and partial pressures in ultrahigh vacuum region	Pressure operated electrical switch responsive
[NASA-CASE-XGS-07752] c14 N73-30390 Absolute pressure measuring device for measuring	to pressure decrease after pressure increase
gas density level in high vacuum range	[NASA-CASE-LAR-10137-1] c09 N72-22204 Wide range dynamic pressure sensor with
[NASA-CASE-LAR-10000] C14 N73-30394	vibrating diaphragm for measuring density and
Wind tunnel model and method	pressure of gaseous environment
[NASA-CASE-LAR-10812-1] c11 N74-17955 PRESSURE OSCILLATIONS	[NASA-CASE-ARC-10263-1] c14 N72-22438
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fluid transmission lines	to operate electric switch
[NASA-CASE-MFS-10354] c12 N70-41976	[NASA-CASE-MFS-14216] c14 N73-13418
PRESSURE REDUCTION Relief valve to permit slow and fast bleeding	Initial systole and dicrotic notch detecting circuitry for monitoring arterial pressure pulse
rates at difference pressure levels	[NASA-CASE-LEW-11581-1] c05 N73-18139
[NASA-CASE-XMS-05894-1] c15 N69-21924	Portable device for detecting pneumatic pressure
Sealed electric storage battery with gas manifold interconnecting each cell	leaks in hernetically sealed housings
[NASA-CASE-XNP-03378] C03 N71-11051	[NASA-CASE-MFS-21761-1] c14 N73-18444 Device for measuring stagnation pressure of
PRESSURE REGULATORS	supersonic gas streams
Pressure regulating system with high pressure	[NASA-CASE-LAR-11139-1] c14 N73-20483
fluid source, adapted to maintain constant downstream pressure	Pressurized panel meteoroid detector [NASA-CASE-XLA-08916-2] c19 N73-28487
[NASA-CASE-XNP-00450] c15 N70-38603	[NASA-CASE-XLA-08916-2] c10 N73-28487 System for calibrating pressure transducer
Pulmonary resuscitation method and apparatus	[NASA-CASE-LAR-10910-1] c14 N74-13132
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[NASA-CASE-IMS-01115] COS N70-39922 Structural design of high pressure regulator walve	Helmet and torso tiedown mechanism for shortening pressure suits upon inflation
[NASA-CASE-XNP-00710] c15 N71-10778	[NASA-CASE-XMS-00784]
Space suit with pressure-volume compensator system	Design and development of flexible joint for
[NASA-CASE-XLA-05332] c05 N71-11194 Portable environmental control and life support	pressure suits
system for astronaut in and out of spacecraft	[NASA-CASE-XMS-09636] c05 N71-12344 Cord restraint system for pressure suit joints
[NASA-CASE-XMS-09632-1] c05 N71-11203	[NASA-CASE-XKS-09635] COS N71-24623
Antibacklash circuit for hydraulic drive system	Development of improved convolute section for
[NASA-CASE-XNP-01020] c03 N71-12260 High impact pressure regulator having minimum	pressurized suits to provide high degree of
number of lightweight movable elements	mobility in response to minimum of applied torque
[NASA-CASE-NPO-10175] c14 N71-18625	[NASA-CASE-XMS-09637-1] c05 N71-24730
Pressure regulator for space suit worn	Fabrication of root cord restrained fabric suit
underwater to simulate space environment for testing and experimentation	sections from sheets of fabric
[NASA-CASE-MFS-20332] c05 N72-20097	[NASA-CASE-MSC-12398] c05 N72-20098

PROPELLANT TANKS

SUBJECT INDEX

Restraint torso for increased mobility and	Process for developing filament reinforced
`\ reduced physiological effects while wearing	plastic tubes used in research and development
pressurized suits	programs FNASA-CASE-LAR-10203-11 c15 N72-16330
[NASA-CASE-MSC-12397-1] CO5 N72-25119 PRESSURE SHITCHES	[NASA-CASE-LAR-10203-1] c15 N72-16330 Simplified technique and device for producing
Reinforcing beam system for highly flexible	industrial grade synthetic diamonds
diaphragus in valves or pressure switches	[NASA-CASE-NPS-20698-2] c15 N73-19457
[NASA-CASE-XNP-01962] c32 N70-41370	PRODUCTION ENGINEERING
PRESSURE VESSELS	Standard coupling design for mass production
Liquid rocket systems for propulsion and control of spacecraft	[NASA-CASE-XMS-02532] c15 N70-41808 Fabrication of curved reflector segments for
[NASA-CASE-XNP-00610] c28 N70-36910	solar mirror
Thin walled pressure test wessel using	[NASA-CASE-XLE-08917] c15 N71-15597
low-melting alloy-filled joint to attach shell	Production of barium fluoride-calcium fluoride
to heads	composite lubricant for bearings or seals
[NASA-CASE-XLE-04677] c15 N71-10577 Control of gas flow from pressurized vessel by	[NASA-CASE-XLE-08511-2] c18 N71-16105 Fabrication of sintered impurity semiconductor
thermal expansion of metal plug	brushes for electrical energy transfer
[NASA-CASE-NPO-10298] c12 N71-17661	[NASA-CASE-XHF-01016] c26 N71-17818
Method and apparatus for inducing compressive	Technique for making foldable, inflatable,
stresses in pressure vessel to prevent stress	plastic honeycomb core panels for use in
corrosion [NASA-CASE-KLA-07390] c15 N71-18616	building and bridge structures, light and radio wave reflectors, and spacecraft
Heater-mixer for stored fluids	[NASA-CASE-XLA-03492] c15 N71-22713
[NASA-CASE-ARC-10442-1] c14 N74-15093	Multilayer porous refractory metal ionizer
PRESCRE BELDING	design with thick, porous, large-grain
Diffusion welding heat treatment of nickel	substrates and thin, porous micron-grain
alloys following single step vacuum uelding process	substrates [NASA-CASE-XNP-04338] c17 N71-23046
[WASA-CASE-LEW-11388-2] c15 W74-21055	Permanently magnetized ion engine casing
PRESTRESSING	construction for use in spacecraft propulsion
Prestressed rocket nozzle with ceramic inner	systems
rings and refractory metal outer rings [NASA-CASE-XNP-02888] c18 N71-21068	[NASA-CASE-XNP-06942] c28 N71-23293 Dry electrode design with wire sandwiched
PRETREATERNT	between two flexible conductive discs for
Anti-wettable materials brazing processes using	monitoring physiological responses
titanium and zirconium for surface pretreatment	[NASA-CASE-FRC-10029] c09 N71-24618
[NASA-CASE-XMS-03537] c15 N69-21471	Processes for making metal sheets or plaques
PRINTED CIRCUITS Electrical feedthrough connection for printed	with parallel pores of uniform size [NASA-CASE-GSC-10984-1] c15 N71-34427
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[NASA-CASE-XMF-01483] c14 N69-27431	transmitting in visible and near ultraviolet
Electric connector for printed cable to printed	regions
cable or to printed board [NASA-CASE-XMF-00369]	[NASA-CASE-GSC-11188-1] c14 N73-32320 PROJECTILES
Electrical connection for printed circuits on	Self-obturating gas-operated launcher for
common board, using bellows principle in rivet	launching projectiles in decontaminated medium
[NASA-CASE-XNP-05082] c15 N70-41960	[NASA-CASE-NPO-11013] c11 N72-22247
Electrical spot terminal assembly for printed circuit boards	Two stage light gas plasma projectile accelerator [NASA-CASE-MFS-22287-1] c11 N74-18891
[NASA-CASE-NPO-10034] c15 N71-17685	PROJECTORS
Solder coating process for printed copper	Optical projector system for establishing
circuit protection	optimum arrangement of instrument displays in
(NASA-CASE-IMF-01599) c09 N71-20705	aircraft, spacecraft, other vehicles, and industrial instrument consoles
Handling tool for printed circuit cards [NASA-CASE-MFS-20453] c15 N71-29133	[NASA-CASE-KNP-03853] c23 N71-21882
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backing for application as printed circuit	amplitudes of two modes
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Device for hending leads projecting from printed	Chemical process for production of
circuit boards	polyisobutylene compounds and application as
[NASA-CASE-HFS-22133-1] c15 N73-18473	solid rocket propellant binder
Techniques for Packaging and mounting printed circuit boards	[NASA-CASE-NPO-10893] c27 N73-22710 PROPELLANT COMBUSTION
[NASA-CASE-MFS-21919-1]	Spherical solid propellant rocket engine having
PRIRTOUTS	abrupt burnout
Handling tool for printed circuit cards	[NASA-CASE-XHQ-01897] c28 N70-35381
Handling tool for printed circuit cards [NASA-CASE-MFS-20453] c15 N71-29133	Rocket combustion chamber stability by
Handling tool for printed circuit cards [NASA-CASE-MFS-20453] c15 N71-29133 PRISHS	Rocket combustion chamber stability by controlling transverse instability during
Handling tool for printed circuit cards [NASA-CASE-MFS-20453] c15 N71-29133	Rocket combustion chamber stability by
Handling tool for printed circuit cards [NASA-CASE-MFS-20453] c15 N71-29133 PRISES Interferometer prism and control system for precisely determining direction to remote light source	Rocket combustion chamber stability by controlling transverse instability during propellant combustion [NASA-CASE-ILE-04603] c33 N71-21507 PROPELIANT DECOMPOSITION
Handling tool for printed circuit cards [NASA-CASE-MFS-20453] c15 N71-29133 PRISES Interferometer prism and control system for precisely determining direction to remote light source [NASA-CASE-ARC-10278-1] c14 N73-25463	Rocket combustion chamber stability by controlling transverse instability during propellant combustion [NASA-CASE-ILE-04603] c33 N71-21507 PROPELIANT DECOMPOSITION Unit for generating thrust from catalytic
Handling tool for printed circuit cards [NSCA-CASE-MFS-20453] c15 N71-29133 PRISES Interferometer prism and control system for precisely determining direction to remote light source [NASA-CASE-ARC-10278-1] c14 N73-25463 PROBES	Rocket combustion chamber stability by controlling transverse instability during propellant combustion [NASA-CASE-ILE-04603] c33 N71-21507 PROPRLIANT DECOMPOSITION Unit for generating thrust from catalytic decomposition of bydrogen peroxide, for high
Handling tool for printed circuit cards [NASA-CASE-MFS-20453] c15 N71-29133 PRISHS Interferometer prism and control system for precisely determining direction to remote light source [NASA-CASE-ARC-10278-1] c14 N73-25463 PROBES Method and apparatus for connecting two spacecraft with probe of one inserted in	Rocket combustion chamber stability by controlling transverse instability during propellant combustion [NASA-CASE-ILE-04603] c33 N71-21507 PROPELIANT DECOMPOSITION Unit for generating thrust from catalytic decomposition of bydrogen peroxide, for high altitude aircraft or spacecraft reaction control [NASA-CASE-IMS-00583] c28 N70-38504
Handling tool for printed circuit cards [NASA-CASE-MFS-20453] c15 N71-29133 PRISES Interferometer prism and control system for precisely determining direction to remote light source [NASA-CASE-ARC-10278-1] c14 N73-25463 PROBES Method and apparatus for connecting two spacecraft with probe of one inserted in rocket engine nozzle of other spacecraft	Rocket combustion chamber stability by controlling transverse instability during propellant combustion [NASA-CASE-ILE-D4603]
Handling tool for printed circuit cards [NSCA-CASE-MFS-20453] c15 N71-29133 PRISES Interferometer prism and control system for precisely determining direction to remote light source [NASA-CASE-ARC-10278-1] c14 N73-25463 PROBES Hethod and apparatus for connecting two spacecraft with probe of one inserted in rocket engine nozzle of other spacecraft [NASA-CASE-MFS-11133] c31 N71-16222	Rocket combustion chamber stability by controlling transverse instability during propellant combustion [NASA-CASE-ILE-04603] c33 N71-21507 PROPELIANT DECOMPOSITION Unit for generating thrust from catalytic decomposition of hydrogen peroxide, for high altitude aircraft or spacecraft reaction control [NASA-CASE-IMS-00583] c28 N70-38504 PROPELIANT GRAINS Grain configuration for solid propellant rocket
Handling tool for printed circuit cards [NSSA-CASE-MFS-20453] c15 N71-29133 PRISHS Interferometer prism and control system for precisely determining direction to remote light source [NASA-CASE-ARC-10278-1] c14 N73-25463 PROBES Hethod and apparatus for connecting two spacecraft with probe of one inserted in rocket engine nozzle of other spacecraft [NASA-CASE-MFS-11133] c31 N71-16222 Development of droplet monitoring probe for use	Rocket combustion chamber stability by controlling transverse instability during propellant combustion [NASA-CASE-ILE-04603] c33 N71-21507 PROPELLANT DECOMPOSITION Unit for generating thrust from catalytic decomposition of hydrogen peroxide, for high altitude aircraft or spacecraft reaction control [NASA-CASE-IMS-00583] c28 N70-38504 PROPELLANT GRAINS Grain configuration for solid propellant rocket engines
Handling tool for printed circuit cards [NSCA-CASE-MFS-20453] c15 N71-29133 PRISES Interferometer prism and control system for precisely determining direction to remote light source [NASA-CASE-ARC-10278-1] c14 N73-25463 PROBES Hethod and apparatus for connecting two spacecraft with probe of one inserted in rocket engine nozzle of other spacecraft [NASA-CASE-MFS-11133] c31 N71-16222	Rocket combustion chamber stability by controlling transverse instability during propellant combustion [NASA-CASE-ILE-04603] c33 N71-21507 PROPELIANT DECOMPOSITION Unit for generating thrust from catalytic decomposition of hydrogen peroxide, for high altitude aircraft or spacecraft reaction control [NASA-CASE-IMS-00583] c28 N70-38504 PROPELIANT GRAINS Grain configuration for solid propellant rocket
Handling tool for printed circuit cards [NSCA-CASE-MFS-20453] c15 N71-29133 PRISHS Interferometer prism and control system for precisely determining direction to remote light source [NASA-CASE-ARC-10278-1] c14 N73-25463 PROBES Method and apparatus for connecting two spacecraft with probe of one inserted in rocket engine nozzle of other spacecraft [NASA-CASE-MFS-1133] c31 N71-16222 Development of droplet monitoring probe for use in analysis of droplet propagation in mired-phase fluid stream [NASA-CASE-NPO-10985] c14 N73-20478	Rocket combustion chamber stability by controlling transverse instability during propellant combustion [NASA-CASE-ILE-04603] c33 N71-21507 PROPELIANT DECOMPOSITION Unit for generating thrust from catalytic decomposition of hydrogen peroxide, for high altitude aircraft or spacecraft reaction control [NASA-CASE-IMS-00583] c28 N70-38504 PROPELIANT GRAINS Grain configuration for solid propellant rocket engines [NASA-CASE-XGS-03556] c27 N70-35534 PROPELIANT TANKS Liquid rocket systems for propulsion and control
Handling tool for printed circuit cards [NSCA-CASE-MFS-20453] c15 N71-29133 PRISHS Interferometer prism and control system for precisely determining direction to remote light source [NASA-CASE-ARC-10278-1] c14 N73-25463 PROBES Method and apparatus for connecting two spacecraft with probe of one inserted in rocket engine nozzle of other spacecraft [NASA-CASE-MFS-11133] c31 N71-16222 Development of droplet monitoring probe for use in analysis of droplet propagation in mixed-phase fluid stream [NASA-CASE-NPO-10985] c14 N73-20478 PRODUCT DEVELOPMENT	Rocket combustion chamber stability by controlling transverse instability during propellant combustion [NASA-CASE-ILE-04603] c33 N71-21507 PROPELLANT DECOMPOSITION Unit for generating thrust from catalytic decomposition of hydrogen peroxide, for high altitude aircraft or spacecraft reaction control [NASA-CASE-IMS-00583] c28 N70-38504 PROPELLANT GRAINS Grain configuration for solid propellant rocket engines [NASA-CASE-XGS-03556] c27 N70-35534 PROPELLANT TANKS Liquid rocket systems for propulsion and control of spacecraft
Handling tool for printed circuit cards [NSSA-CASE-MFS-20453] c15 N71-29133 PRISES Interferometer prism and control system for precisely determining direction to remote light source [NSSA-CASE-ARC-10278-1] c14 N73-25463 PROBES Method and apparatus for connecting two spacecraft with probe of one inserted in rocket engine nozzle of other spacecraft [NSSA-CASE-MFS-11133] c31 N71-16222 Development of droplet monitoring probe for use in analysis of droplet propagation in mixed-phase fluid stream [NSSA-CASE-NPO-10985] c14 N73-20478 PRODUCT DEVELOPHENT Using molds for fabricating individual fluid	Rocket combustion chamber stability by controlling transverse instability during propellant combustion [NASA-CASE-ILE-04603]
Handling tool for printed circuit cards [NSCA-CASE-MFS-20453] c15 N71-29133 PRISHS Interferometer prism and control system for precisely determining direction to remote light source [NASA-CASE-ARC-10278-1] c14 N73-25463 PROBES Method and apparatus for connecting two spacecraft with probe of one inserted in rocket engine nozzle of other spacecraft [NASA-CASE-MFS-11133] c31 N71-16222 Development of droplet monitoring probe for use in analysis of droplet propagation in mixed-phase fluid stream [NASA-CASE-NPO-10985] c14 N73-20478 PRODUCT DEVELOPMENT	Rocket combustion chamber stability by controlling transverse instability during propellant combustion [NASA-CASE-ILE-04603] c33 N71-21507 PROPELLANT DECOMPOSITION Unit for generating thrust from catalytic decomposition of hydrogen peroxide, for high altitude aircraft or spacecraft reaction control [NASA-CASE-IMS-00583] c28 N70-38504 PROPELLANT GRAINS Grain configuration for solid propellant rocket engines [NASA-CASE-XGS-03556] c27 N70-35534 PROPELLANT TANKS Liquid rocket systems for propulsion and control of spacecraft

Expulsion and measuring device for determining	[NASA-CASE-NFS-16570-1] c05 N73-32013
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weightlessness [NASA-CASE-XMS-01546]	in response to electrical signals [NASA-CASE-MFS-21611-1] c05 N74-10100
[NASA-CASE-XMS-01546] c14 N70-40233 Collapsible auxiliary tank for restarting liquid	PROTECTION
propellant rocket motors under zero gravity	Camera protecting device for use in
[NASA-CASE-XNP-01390] c28 N70-41275	photographing rocket engine nozzles or other
Liquid propellant tank design with semitoroidal hylkhead	engine components [NASA-CASE-NPO-10174] c14 N71-18465
[NASA-CASE-XMF-01899] c31 N70-41948	PROTECTIVE CLOTHING
Microleak detector mounted on weld seam of	Conditioning tanned sharkskin for use as
propellant tank of launch vehicle [NASA-CASE-KMF-02307] c14 N71-10779	abrasive resistant clothing [NASA-CASE-XES-09691-1] c18 #71-15545
[NASA-CASE-KMF-02307] c14 N71-10779 Fabrication of filament wound propellant tank	One piece human garment for use as contamination
for cryogenic storage	proof garment
[NASA-CASE-XLE-03803-2] c15 N71-17651	[NASA-CASE-MSC-12206-1] c05 N71-17599
Slosh and swirl alleviator for liquid propellant tanks during transport and flight	Thermoregulating with cooling flow pipe network for humans
[NASA-CASE-XLA-05749] c15 N71-19569	[NASA-CASE-XMS-10269] c05 B71-24147
Two phase fluid pressurization system for	Development of improved convolute section for
propellant tank	pressurized suits to provide high degree of
[NASA-CASE-MSC-12390] c27 N71-29155 PROPELLART TRANSFER	mobility in response to minimum of applied torque
Two component valve assembly for cryogenic	[WASA-CASE-XMS-09637-1] COS W71-24730
liquid transfer regulation	Voice operated receiving and transmitting system
[NASA-CASE-XLE-00397]	for use in protective suits { NASA-CASE-RSC+101641
Apparatus for cryogenic liquid storage with heat transfer reduction and for liquid transfer at	[NASA-CASE-KSC+10164] CO7 N71-33108 PROTECTIVE COATINGS
zero gravity conditions	Process permitting application of synthetic
[NASA-CASE-XLE-00345] c15 N70-38020	resin coating to irregular-shaped objects at
Continuous variation of propellant flow and	ambient temperature (NASA-CASE-XNP-06508] c18 N69-39895
thrust by application of liquid foam flow theory to injection orifice	Ultraviolet radiation resistant alkali-metal
[NASA-CASE-XLE-00177] C28 N70-40367	silicate coatings for temperature control of
Method and feed system for separating and	spacecraft [NASA-CASE-KGS-04119] c18 M69-39979
orienting liquid and vapor phases of liquid propellants in zero gravity environment	[NASA-CASE-XGS-04119] c18 N69-39979 Application techniques for protecting materials
[NASA-CASE-XLE-01182]	during salt bath brazing
Electron bombardment ion rocket engine with	[NASA-CASE-XLE-00046] c15 N70-33311
improved propellant introduction system [NASA-CASE-XLE-02066] c28 N71-15661	Removable potting compound for instrument shock protection
[NASA-CASE-NLE-02066] c28 N71-15661 Rocket combustion chamber stability by	[NASA-CASE-XLA-00482] c15 N70-36409
controlling transverse instability during	Passive thermal control coating on aluminum foil
propellant combustion	laminate for inflatable spacecraft surfaces
[NASA-CASE-XLE-04603] c3 N71-21507 Vapor-liquid separator design with vapor driven	[NASA-CASE-XLA-01291] c33 H70-36617 Using ethylene oxide in preparation of
pump for separated liquid pumping for	sterilized solid rocket propellants and
application in propellant transfer	encapsulating materials
[NASA-CASE-XMF-04042] c15 N71-23023 Filler valve design for supplying liquid	[NASA-CASE-XNP-01749] c27 N70-41897 Fireproof potassium silicate coating
propellants at high pressure to space vehicles	composition, insoluble in water after
[NASA-CASE-INP-01747] c15 N71-23024	application
Internal labyrinth and shield structure to improve electrical isolation of propellant	[NASA-CASE-GSC-10072] c18 N71-14014
feed source from ion thrustor	Development of bacteriostatic conformal coating and methods of application
[NASA-CASE-LEW-10210-1] C28 N71-26781	[NASA-CASE-GSC-10007] c18 N71-16046
Flexible bellows joint shielding sleeve for	Vapor deposited laminated nitride-silicon
propellant transfer pipelines [NASA-CASE-XNP-01855] c15 #71-28937	coating for corrosion prevention of carbonaceous surfaces
PROPELLER BLADES	[NASA-CASE-XLA-00284] c15 N71-16075
Directed fluid stream for propeller blade	Flame or plasma spraying for molybdenum coating
loading control [WASA-CASE-XAC-00139]	of carbon or graphite surfaces to prevent
PROPORTIONAL CONTROL.	oxidative corrosion [NASA-CASE-XLA-00302] c15 H71-16077
Proportional controller for regulating aircraft	Development and characteristics of protective
or spacecraft motion about three ares	coatings for spacecraft
[NASA-CASE-XAC-03392] c03 N70-41954 PROPULSION SYSTEM CONFIGURATIONS	[NASA-CASE-INP-02507] c31 N71-17679 Development of thermal insulation system for
Blectrothermal rocket engine using resistance	wing and control surfaces of hypersonic
heated heat exchanger	aircraft and reentry vehicles
[NASA-CASE-XLE-00267] c28 N70-33356	[NASA-CASE-XLA-00892] c33 N71-17897
Grain configuration for solid propellant rocket engines	Bismuth and lead surface coatings for gas bearings in aerospace engineering
[NASA-CASE-XGS-03556] c27 N70-35534	[HASA-CASE-NGS-02011] c15 N71-20739
Shrouded composite propulsion system configuration	Composition and production method of alkali
[NASA-CASE-XLA-01043] c28 N71-10780	metal silicate paint with ultraviolet
Electrostatic microthrust propulsion system with annular slit colloid thrustor	reflection properties [NASA-CASE-XGS-04799] c18 H71-24183
[NASA-CASE-GSC-10709-1] c28 N71-25213	Method for treating metal surfaces to prevent
Method and apparatus for pressurizing propellant	secondary electron transmission
tanks used in propulsion motor feed system [MASA-CASE-XNP-00650] c27 N71-28929	[NASA-CASE-XNP-09469] c24 N71-25555 Development of solid state polymer coating for
PROPULSIVE EFFICIENCY	obtaining thermal balance in spacecraft
method and apparatus for improving operating	components
efficiency and reducing low speed noise for tarbine aircraft engines	[NASA-CASE-XLA-01745] c33 N71-28903
[NASA-CASE-LAR-11310-1] c28 N73-31699	Method for coating through-holes in ceramic substrates used in fabricating miniaturized
PROSTRETIC DEVICES	electronic circuits
Prosthetic limb with tactile sensing device	[NASA-CASE-XMF-05999] c15 B71-29032

Zinc dust formulation for abrasion resistant	[NASA-CASE-XLA-00670] C08 N71-12501
steel coatings	Electrical testing apparatus for detecting
[NASA-CASE-GSC-10361-1] c18 N72-23581	amplitude and width of transient pulse
Development of process for constructing	[NASA-CASE-INF-06519] c09 N71-12519
Protective covers for solar cells	Analog to digital converter circuit for pulse.
[NASA-CASE-GSC-11514-1] c03 N72-24037	height analysis
Development and characteristics of device for	[NASA-CASE-INP-00477] COS N73-28045
applying multiple layers of moble metal to	PULSE AMPLITUDE GODULATION
glass substrate for protection of optical	Voltage controlled oscillators and pulse
Surfaces	amplitude modulation for signal ratio system
[NASA-CASE-LAR-10362-1] c15 N72-27486	[MASA-CASE-XMF-04367] C09 N71-23545
Detergent with glyceryl esthers and oil as	PULSE CODE BODULATION
protective coating to prevent fogging of space	Adaptive compression signal processor for PCH
Suit visor	communication systems
[NASA-CASE-HSC-13530-2] c06 N73-11107	[NASA-CASE-XLA-03076] c07 N71-11266
Development of method and equipment for	Bipolar phase detector and corrector for split
detecting cracks in materials with porous	phase PCH data signals
Subsurface matrix covered by impervious coating	[NASA-CASE-XGS-01590] c07 N71-12392
[NASA-CASE-ESC-14187-1] c14 N73-17564	System for recording and reproducing PCB data
Improved silicide Coatings for refractory metals	from data stored on magnetic tape
employed in space shuttles and gas turbine	[NASA-CASE-XGS-01021] c08 N71-21042
engine components	Prequency shift keying apparatus for use with
	Pulse code modulation data transmission system
Resin for protecting p-n semiconductor junction	
Surface	Data reduction and transmission system for TV
[NASA-CASE-ERC-10339-1] c18 H73-30532	PCH data
Particulate and solar radiation stable coating	[NASA-CASE-NPO-11243] c07 N72-20154
for spacecraft	Pulse code modulated data from frequency
[NASA-CASE-LAR-10805-1] c18 N74-16246	nultiplex communications by digital phase
Nonflammable coating compositions for use in	shift or carrier
high oxygen environments	[NASA-CASE-NPO-11338] c08 N72-25208
[NASA-CASE-MFS-20486-2] c18 N74-17283	Bit synchronization of PCH communications
Method of fluxless brazing and diffusion bonding	signal, without separate synchronization
of aluminum containing components	channel by digital correlation
[HASA-CASE-HSC-14435-1] c15 #74-20071	[NASA-CASE-NPO-11302-1] c07 N73-13149
PROTECTORS	Hethod and apparatus for a single channel
Load cell protection device using spring-loaded	digital communications system
breakaway mechanism	synchronization of received PCH signal by
` [NASA-CASE-XMS-06782] c32 N71-15974	digital correlation with reference signal
Payload soft landing system using stowable gas bag	[NASA-CASE-NPO-11302-2] CO7 N74-10132
[RASA-CASE-XLA-09881] c31 N71-16085	Hultifunction audio digitizer producing
PROTEINS	direct delta and pulse code modulation
Protein sterilization of firefly luciferase	[WASA-CASE-RSC-13855-1] c07 N74-17885
vithout denaturation	Digital transmitter for data bus communications
[NASA-CASE-GSC-10225-1] c06 N73-27086	system
PROTON IRRADIATION	[NASA-CASE-MSC-14558-1] c07 N74-17888
Ultraviolet radiation detector in presence of	Pulse code modulated signal synchronizer
proton radiation using sensor tubes within	[NASA-CASE-HSC-12462-1] c07 N74-20809
shielding mechanism	Pulse code modulated signal synchronizer
[NASA-CASE-MFS-21577-1] c03 M73-20042	[NASA-CASE-ASC-12494-1] CO7 N74-20810
PSRUDONOISE	PULSE COMMUNICATION
System designed to reduce time required for	Phase shift data transmission system with
obtaining synchronization in data	pseudo-noise synchronization code modulated
communication with spacecraft utilizing	with digital data into single channel for
pseudonoise codes	spacecraft communication
[NASA-CASE-NPO-10214] c10 N71-26577	[NASA-CASE-XNP-00911] c08 N70-41961
Linear shift register with feedback logic for	PULSE DURATION
generating pseudonoise linear recurring binary	Frequency to analog converters with unipolar
sequences	field effect transistor for determining
[NASA-CASE-NPO-11406] COS N73-12175	potential charge by pulse duration of input
Hulticarrier communications system for	signal
transmitting modulated signals from single	[NASA-CASE-XNP-07040] c08 N71-12500
transmitter	Electrical testing apparatus for detecting
[NASA-CASE-NPO-11548] c07 N73-26118	amplitude and width of transient pulse
POLLEYS	[NASA-CASE-XHP-06519] c09 R71-12519
Apparatus for measuring load on cable under	Design and development of variable pulse width
static or dynamic conditions comprising	multiplier
pulleys pivoting structure against restraint	[NASA-CASE-XLA-02850] CO9 N71-20447
of tension strap	Device for voltage conversion using controlled
[NASA-CASE-XHS-04545] c15 B71-22878	pulse widths and arrangements to generate ac
Tensile strength testing device having pulley	output voltage
quides for exerting multiple forces on test	[NASA-CASE-BFS-10068] c10 M71-25139
specimen	One shot multivibrator circuit for producing
[NASA-CASE-XNP-05634] c15 N71-24834	long duration output pulses
PULHOBARY CIRCULATION	[NASA-CASE-ARC-10137-1] c09 N71-28468
Pulmonary resuscitation method and apparatus	Pulse stretcher for processing narrow pulses
uith adjustable pressure regulator	between pulse generators and conventional
[NASA-CASE-XMS-01115] c05 N70-39922	instruments
PULHOBARY PUBCTIONS	
Piston device for producing known constant	[NASA-CASE-HSC-14130-1] c10 H73-26232 PULSE DURATION HODULATION
positive pressure within lungs by using	
thoracic nuscles	Pulse duration modulation multiplier system
[NASA-CASE-KHS-01615]	[MASA-CASE-MER-09213] c07 M71-12390
	Variable duration pulse integrator design for
POLSE AMPLITUDE	integrating pulse duration modulated pulses
Monitoring system for signal amplitude ranges	with elimination of ripple content
over predetermined time interval	[NASA-CASE-XLA-01219] c10 N74-23084
[NASA-CASE-XES-04061-1]	Electric Gotor control system with pulse width
Analog to digital converter for converting pulses to frequencies	nodulation for providing automatic null
	seeking servo

[NASA-CASE-XMF-05195] c10 N71-24861 pulse duration control device for driving slow	radiation pulses [NASA-CASE-NPO-10758] c14 N73-1442
response time loads in selected sequence	POLSES
including switching and delay circuits and magnetic storage	High resolution radar transmitting system for transmitting optical pulses to targets
[NASA-CASE-XGS-04224] C10 N71-26418	[NASA-CASE-NPO-11426] c07 N73-26119
Monostable multivibrator for producing output pulse widths with positive feedback NOR gates	FUMP SEALS Flexible barrier membrane comprising porous
[NASA-CASE-MSC-13492-1] c10 N71-28860	substrate and incorporating liquid gallium or
Load current sensor for series pulse width modulated power supply	indium metal used as sealant barriers for spacecraft walls and pumping liquid propellant:
[NASA-CASE-GSC-10656-1] C09 N72-25249	[NASA-CASE-INP-08881] c17 N71-2874
Peak holding circuit for extremely marrow pulses [NASA-CASE-MSC-14129-1] c10 N73-26231	Spiral groove seal for hydraulic rotating shaft
PULSE FREQUENCY MODULATION	[NASA-CASE-LEW-10326-3] c15 N74-1047
Flectric current measuring apparatus design including saturable core transformer and	PUMPS Piezoelectric pump for supplying fluid at high
energy storage device to avoid magnetizing	frequencies to gyroscope fluid suspension syste
current errors from transformer output winding [NASA-CASE-XGS-02439] c14 N71-19431	<pre>(NASA-CASE-XNP-05429]</pre>
Digitally controlled frequency synthesizer for	pump for separated liquid pumping for
pulse frequency modulation telemetry systems [NASA-CASE-XGS-02317] c09 N71-23525	application in propellant transfer [NASA-CASE-XMF-04042] c15 N71-2302.
Noninterruptable digital counter circuit design	Automatically reciprocating, high pressure pump
with display device for pulse frequency modulation	for use in spacecraft cryogenic propellants [NASA-CASE-XNP-04731] c15 N71-2404:
[NASA-CASE-XNP-09759] c08 N71-24891	Development and characteristics of variable
Threshold extension device for improving operating performance of frequency modulation	displacement fluid pump for tranforming hydraulic pressures
demodulators by eliminating click-type noise	[NASA-CASE-MFS-20830] c15 N71-3002
impulses [NASA-CASE-MSC-12165-1]	Pumping and metering dual piston system and monitor for reaction chamber constituents
PULSE PREQUENCY HODULATION TELEMETRY	[NASA-CASE-GSC-10218-1] c15 N72-2146
Communication system for transmitting biomedical information obtained from patient in moving	Pump for cryogenic liquids using magnetocaloric material
ambulance to hospital for diagnosis	[NASA-CASE-LEW-11672-1] c15 N73-1447
[NASA-CASE-FRC-10031] c05 N70-20717 PULSE GENERATORS	PUNCHED CARDS Describing device for flagging punched business
High voltage pulse generator for testing flash	cards
and ignition limits of nonmetallic materials in controlled atmospheres	[NASA-CASE-XLA-02705] c08 N71-15909 Handling tool for printed circuit cards
[NASA-CASE-MSC-12178-1] c09 N71-13518	[NASA-CASE-MPS-20453] c15 N71-2913.
Interrogator and current driver circuit for combination with transistor flip-flop circuit	Punches Punch and die device for forming convolution
[NASA-CASE-XGS-03058] c10 N71-19547	series in thin gage metal hemispheres
Electric circuit for producing high current pulse having fast rise and fall time	[NASA-CASE-XNP-05297] c15 N71-2381 PURGING
[NASA-CASE-XMS-04919] c09 N71-23270	Carbon dioxide purge systems to prevent
Pulse generator for synchronizing or resetting electronic signals without requiring separate	condensation in spaces between cryogenic fuel tanks and hypersonic vehicle skin
external source	[NASA-CASE-XLA-01967] c31 N70-4201
[NASA-CASE-XGS-03632] c09 N71-23311 Development and characteristics of resettable	Developing high pressure gas purification and filtration system for use in test operations
monostable pulse generator with charge	of space vehicles
rundown-timing circuit [NASA-CASB-GSC-11139] c09 N71-27016	[NASA-CASE-MFS-12806] c14 N71-1758 Fluid transferring system design for purging
Pulse generating circuit for operation at very	toxic, corrosive, or noxious fluids and fumes
high duty cycles and repetition rates [NASA-CASE-XNP-00745] c10 N71-28960	from materials handling equipment for cleansing and accident prevention
Pulse coupling circuit with switch between	[NASA-CASE-XMS-01905] c12 N71-2108
generator and winding [NASA-CASE-LEW-10433-1] c09 N72-22197	Device for back purging thrust engines [NASA-CASE-XMS-04826] c28 N71-28849
Circuitry for generating random square wave	PURIFICATION
<pre>pulses using white noise source [NASA-CASE-MSC-14131-1]</pre>	Apparatus and method capable of receiving large quantity of high pressure helium, removing
<pre>Method and apparatus for nondestructive testing using high frequency arc discharges</pre>	impurities, and discharging at received pressu
[NASA-CASE-MFS-21233-1] c23 N74-15395	[NASA-CASE-XMF-06888] c15 N71-24044 Purification apparatus for vaporization and
PULSE BATE Circuit for measuring wide range of pulse rates	fractional distillation of liquids [NASA-CASE-XNP-08124] c15 N71-2718
by utilizing high capacity counter	PURITY C13 E-XNP-US124 3 C13 NV1-2110.
[NASA-CASE-XNP-06234] c10 N71-27137 PULSE WIDTH AMPLITUDE CONVERTERS	Synthesis of high purity diamilinosilanes [NASA-CASE-XMF-06409] c06 N71-2323
Peak holding circuit for extremely narrow pulses	[NASA-CASE-XMF-06409] c06 N71-2323
[NASA-CASE-MSC-14129-1] c10 N73-26231 PULSED LASERS	Multislot film cooled pyrolytic graphite rocket
Repetitively pulsed wavelength selective carbon	nozzle [NASA-CASE-XNP-04389]
dioxide laser [NASA-CASE-EBC-10178] c16 N71-24832	PYROLYTIC MATERIALS
Remote detection and measurement of clear air	Design, development, and characteristics of ablation structures
turbulence using pulsed laser radar [NASA-CASE-MFS-21244-1] c20 N73-21523	[NASA-CASE-XNS-01816] c33 N71-1562
Procedure and device for effecting dual mode	PYROMETERS Sensor device with switches for measuring
locking in pulsed Nd-YAG lasers [NASA-CASE-GSC-11746-1] c16 N73-32398	surface recession of charring and noncharring
PULSED RADIATION	ablators [NASA-CASE-XLA-01781] c14 N69-3997
Development and characteristics of cyclically operable, optical shutter for use as focal	PYROTECHNICS
plane shutter for transmitting single	Energy source with tantalum capacitors in parallel and miniature silver oxide button
	- 40k

BADIATION COUNTERS SUBJECT INDEX

cells for initiating pyrotechnic devices on	range and increasing signal to noise ratio
spacecraft and rocket vehicles	[NASA-CASE-XNP-00748] C07 N70-36911
[NASA-CASE-LAR-10367-1] CO3 N70-26817	RADAR REFLECTORS
Development and characteristics of squib	Inflatable radar reflector unit - lightweight,
actuated explosive disconnect for spacecraft	highly reflective to electromagnetic
release from launch vehicle	radiation, and adaptable for erection and
[NASA-CASE-NPO-11330] c33 N73-26958	deployment with minimum effort and time
^	[NASA-CASE-XMS-00893] CO7 N70-40063 RADAR TRACKING
${f Q}$	Tracking antenna system with array for
Q VALUES	synchronous satellite or ground based radar
Design of active RC network capable of operating	[NASA-CASE-GSC-10553-1] C07 N71-19854
at high Q values with reduced sensitivity to	Polarization diversity monopulse tracking
gain amplification and number of passive	receiver design without radio frequency switches
components	[NASA-CASE-NGS-03501] c09 N71-20864
[NASA-CASE-ARC-10042-2] c10 N72-11256 QUADHATURES	Monopulse tracking system with antenna array of
Automatic quadrature control and measuring system	three radiators for deriving azimuth and elevation indications
using optical coupling circuitry	[NASA-CASE-XGS-01155]
[NASA-CASE-MFS-21660-1] C14 N74-21017	Plastic sphere for radar tracking and calibration
QUALITATIVE ANALYSIS	[NASA-CASE-XLA-11154] c07 N72-21117
Ultraviolet chromatographic detector for	RADAR TRANSBITTERS
quantitative and qualitative analysis of	High resolution radar transmitting system for
compounds	transmitting optical pulses to targets
[NASA-CASE-HQN-10756-1] c14 N72-25428	[NASA-CASE-NPO-11426] c07 N73-26119
Analysis of volatile organic compounds quantitative and qualitative analysis of trace	RADIAL FLOS Radial heat flux transformer for use in heating
amounts in gas samples	and cooling processes
[NASA-CASE-MSC-14428-1] c06 N74-19776	[NASA-CASE-NPO-10828] c33 N72-17948
QUANTITATIVE ANALYSIS	RADIANCE
Bixed liquid and wapor phase analyzer design	Method and apparatus for measuring shock layer
with thermocouples for relative heat transfer	radiation distribution about high velocity
measurement	objects
[NASA-CASE-NPO-10691] . c14 N71-26199	[NASA-CASE-XAC-02970] c14 N69-39896
Quantitative liquid measurements in container by resonant frequencies	RADIANT COOLING
[NASA-CASE-XNP-02500] c18 N71-27397	Direct radiation cooling of linear heam collector tubes
Ultraviolet chromatographic detector for	[NASA-CASE-XNP-09227] c15 N69-24319
quantitative and qualitative analysis of	High thermal emittance black surface coatings
compounds	and process for applying to metal and metal
[NASA-CASE-HON-10756-1] c14 N72-25428	alloy surfaces used in radiative cooling of
Nondispersive gas analysis using radiation	spacecraft
detection for quantitative analysis	[NASA-CASE-XLA-06199] c15 N71-24875
[NASA-CASE-ARC-10308-1] c06 N72-31141 Analysis of volatile organic compounds	RADIANT PLUX DENSITY
quantitative and qualitative analysis of trace	High intensity radiant energy pulse source for calibrating heat transfer gages with
amounts in gas samples	thermoluminescent shutter activation
[NASA-CASE-MSC-14428-1] c06 N74-19776	[NASA-CASE-ARC-10178-1] c09 N72-17152
QUARIZ	RADIANT HEATING
Oltraviolet filter of thorium fluoride and	High intensity heat and light unit containing
cryolite on quartz base	quartz lamp elements protectively positioned
[NASA-CASE-INP-02340] c23 N69-24332 QUARTZ LAMPS	to withstand severe environmental stress
Righ intensity heat and light unit containing	[NASA-CASE-XLA-00141] c09 N70-33312 Righ temperature source of thermal radiation
quartz lamp elements protectively positioned	[NASA-CASE-XLE-00490] c33 N70-34545
to withstand severe environmental stress	Refractory filament series circuitry for radiant
[NASA-CASE-XLA-00141] c09 N70-33312	heater
Light shield and cooling apparatus for high	[NASA-CASE-XLE-00387] c33 x70-34812
intensity ultraviolet lamps	Unfired ceramic insulation for protection from
[NASA-CASE-LAR-10089-1] c15 N73-13474	radiant heating environments {NASA-CASE-MFS-14253} c33 N71-24858
R	[NASA-CASE-NPS-14253] c33 N71-24858 RADIATION
IX.	Development of radiant energy sensor to detect
RACKS (FEAHRS)	the radiant energy wavelength bands from
pesign and development of test stand system for	portions of radiating body
supporting test items in Vacuum chamber	[NASA-CASE-ERC-10174] c14 N72-25409
[NASA-CASE-MFS-21362] C11 N73-20267	Development of thermopile with sensor surface to
RADDR ANTENNAS Interferometric tuning acquisition and tracking	receive radiant energy and to provide
radar antenna system	measurement of energy quantity [NASA-CASE-NPO-11493] c14 N73-12447
[NASA-CASB-XMS-09610] c07 N71-24625	BADIATION COUNTERS
RADAR DETECTION	Particle detector for indicating incidence and
Remote detection and measurement of clear air	energy of minute space particles
turbulence using pulsed laser radar	[NASA-CASE-XLA-00135] c14 N70-33322
[NASA-CASE-MPS-21244-1] c20 N73-21523	Sensing method and device for determining
ENDRE EQUIPMENT Spacecraft transponder and ground station radar	orientation of space vehicle or satellite by
system for mapping planetary surfaces	using particle traps [NASA-CASE-XGS-00466] c21 N70-34297
[NASA-CASE-NPO-11001] c07 H72-21118	[NASA-CASE-NGS-00466] c21 N70-34297 Solid state device for mapping flux and power in
PADOR RANGE	nuclear reactor cores
Radar signal receiver arrangement for extending	[NASA-CASE-XLE-00301; C14 N70-36808
range and increasing signal to noise ratio	Particle beam power density detection and
[NASA-CASE-XNP-00748] c07 N70-36911	measurement apparatus
BADAR RECEIVERS	[NASA-CASE-XLE-00243] c14 N70-38602
Polarization diversity monopulse tracking receiver design without radio frequency switches	Automatic baseline stabilization for ionization detector used in gas chronatograph
[NASA-CASE-XGS-03501] CO9 N71-20864	[NASA-CASE-XNP-03128] c10 N70-41991
RADAR RECEPTION	Hethod of forming thin window drifted silicon
Radar signal receiver arrangement for extending	charged particle detector

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[NASA-CASE-XLE-00808] c24 N71-10560	RADIATION MEASURING INSTRUMENTS
Development of dosimeter for measuring absorbed	Rocket-borne aspect sensor consisting of
dose of high energy ionizing radiation [NASA-CASE-XLA-03645] c14 N71-20430	radiation sensor, apertured disk, commutator, and counting circuits
Apparatus for detecting particle emission lower	[NASA-CASE-XGS-08266] c14 N69-27432
than noise level of multiplier tube	Infrared scapning system for maintaining spacecraft orientation with earth reference
[NASA-CASE-XIA-07813] c14 N/2-1/328 Coaxial anode for gas radiation counter for	[NASA-CASE-XLA-00120] c21 N70-33181
suppressing background ionization interference	Multiple wavelength radiation measuring
[NASA-CASE-GSC+11492-1] c14 N73-28497 Radiation or charged particle detector and	instrument for determining hot body or gas temperature
amplifier	[NASA-CASE-XLE-00011] c14 N70-41946
[NASA-CASE-NPO-12128-1] c14 N73-32317	Development of method for improving signal to noise ratio and accuracy of Wheatstone bridge
RADIATION DAMAGE Addition of group 3 elements to silicon	type radiation measuring instrument
semiconductor material for increased	[NASA-CASE-XLA-02810] c14 N71-25901
resistance to radiation damage in solar cells [NASA-CASE-XLE-02798] c26 N71-23654	Development of thermopile with sensor surface to receive radiant energy and to provide
Recovering efficiency of solar cells damaged by	measurement of energy quantity
environmental radiation through thermal	(NASA-CASE-NPO-11493] c14 N73-12447 Phototransistor with base collector junction
annealing [NASA-CASE-XGS-04047-2]	diode for integration into photo sensor arrays
RADIATION DETECTORS	[NASA-CASE-MFS-20407] c09 N73-19235
Radiation source and detection system for measuring amount of liquid inside tanks	Method and apparatus for measuring electromagnetic radiation
independently of liquid configuration	[NASA-CASE-LEW-11159-1] c14 N73-28488
[NASA-CASE-MSC-12280] c27 N71-16348 Detection instrument for light emitted from ATP	Design of gamma ray spectrometer for measurement of intense radiation using Compton scattering
biochemical reaction	effect
[NASA-CASE-XGS-05534] c23 N71-16355	[NASA-CASE-MFS-21441-1] c14 N73-30392 RADIATION PROTECTION
Circuit design for determining amount of photomultiplier tube light detection utilizing	Development of method for protecting large and
variable current source and dark current	oddly shaped areas from radiant and convective
signals of opposite polarity [NASA-CASE-XMS-03478] c14 N71-21040	heat [NASA-CASE-XNP-01310]
Attitude sensor with scapning mirrors for	Cooling and radiation protection of ruby lasers
<pre>detecting orientation of space vehicle with respect to planet</pre>	using copper sulfate solution in alcohol [NASA-CASE-MFS-20180] c16 N72-12440
[NASA-CASE-XLA-00793] c21 N71-22880	RADIATION SHIBLDING
Mosaic semiconductor radiation detector and	Encapsulated heater forming hollow body for
position indicator systems engineering for low energy particles	cathode used in ion thruster [NASA-CASE-LEW-10814-1] c28 N70-35422
[NASA-CASE-XGS-03230] c14 N71-23401	Describing hot filament type Bayard-Alpert
Nondispersive gas analysis using radiation detection for quantitative analysis	ionization gage with ion collector buried or removed from grid structure
[NASA-CASE-ARC-10308-1] c06 N72-31141	[NASA-CASE-XLA-07424] c14 N71-18482
Ultraviolet radiation detector in presence of proton radiation using sensor tubes within	Sealed housing for protecting electronic equipment against electromagnetic interference
shielding mechanism	[NASA-CASE-MSC-12168-1] c09 N71-18600
[NASA-CASE-MFS-21577-1] c03 N73-20042	Internal labyrinth and shield structure to improve electrical isolation of propellant
Radiation source tracker comprised of sectored matrix of detectors with output voltages	feed source from ion thrustor
corresponding to irradiance levels	[NASA-CASE-LEW-10210-1] c28 N71-26781
[NASA-CASE-NPO-11686] c14 N73-25462 Radiation or charged particle detector and	Light shield and cooling apparatus for high intensity ultraviolet lamps
amplifier	[NASA-CASE-LAR-10089-1] c15 N73-13474
[NASA-CASE-NPO-12128-1] c14 N73-32317 Mossbauer spectrometer radiation detector	Ultraviolet radiation detector in presence of proton radiation using sensor tubes within
[NASA-CASE-LAR-11155-1] c14 N74-15091	shielding mechanism
High field CdS detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088	[NASA-CASE-MFS-21577-1] c03 N73-20042
[NASA-CASE-LAR-11027-1] c14 N74-18088 Wide angle sun sensor consisting of	RADIATION SOURCES Sight switch using infrared source and sensor
cylinder, insulation, and pair of detectors	mounted beside eye
[NASA-CASE-NPO-13327-1] c14 N74-18093 RADIATION DISTRIBUTION	[NASA-CASE-XMP-03934] C09 N71-22985 Apparatus for obtaining isotropic irradiation on
Space simulator with uniform test region	film emulsion from parallel radiation source
radiation distribution, adapted to simulate Venus solar radiations	[NASA-CASE-MPS-20095] c24 N72-11595 Radiation source tracker comprised of sectored
[NASA-CASE-XNP-00459] c11 N70-38675	matrix of detectors with output voltages
PADIATION DOSAGE Development of dosimeter for measuring absorbed	corresponding to irradiance levels [NASA-CASE-NPO-11686] c14 N73-25462
dose of high energy ionizing radiation	High powered arc electrodes producing solar
[NASA-CASE-XLA-03645] C14 N71-20430 RADIATION EFFECTS	simulator radiation [NASA-CASE-LEW-11162-1] c09 N74-12913
Method for temperature compensating	[NASA-CASE-LEW-11162-1] c09 N74-12913 RADIATION SPECTRA
semiconductor gages by exposure to high energy radiation	Maksutov spectrograph for low light level research
[NASA-CASE+XLA-04555-1] c14 N71-25892	[NASA-CASE-XLA-10402] c14 N71-29041 RADIATION TOLERANCE
BADIATION BARDENING	Ultraviolet radiation resistant alkali-metal
Radiation hardening of MOS devices by boron for stabilizing gate threshold potential of	silicate coatings for temperature control of spacecraft
field effect device	[NASA-CASE-XGS-04119] c18 N69-39979
[NASA-CASE-GSC-11425-1] c24 N74-20329 RADIATION MEASUREMENT	Doping silicon material with gadolinium to increase radiation resistance of solar cells
Development of thermopile with sensor surface to	[NASA-CASE-XLE-02792] c26 N71-10607
receive radiant energy and to provide measurement of energy quantity	Improving radiation resistance of silicon semiconductor junctions by doping with lithium
[NASA-CASE-NPO-11493] c14 N73-12447	[NASA-CASE-XGS-07801] CO9 N71-12513
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Control circuit for reducing bias voltage and	RADIO FREQUENCY SHIRLDING
radiation sensitivity of photomultiplier	Gunn effect microwave diodes with RF shielding
[NASA-CASE-ARC-10593-1] c09 N73-30187	[NASA-CASE-ERC-10119] c26 N72-21701
RADIATIVE HEAT TRANSPER	Process for making RF shielded cable connector
Heat flux sensor assembly with proviso for heat	assemblies and resulting structures [NASA-CASE-GSC-11215-1] c09 N73-28083
shield to reduce radiative transfer between sensor elements	[NASA-CASE-GSC-11215-1] CO9 N73-28083 RADIO RECEIVERS
[NASA-CASE-XMS-05909-1] c14 N69-27459	Radio receiver with array of independently
Capillary radiator for carrying heat transfer	steerable antennas for deep space communication
liquid in planetary spacecraft structures	[NASA-CASE-XLA-00901] c07 N71-10775
[NASA-CASE-XLE-03307] c33 N71-14035	Development of optimum pre-detection diversity
Transient heat transfer gage for measuring total radiant intensity from far ultraviolet and	combining receiving system adapted for use with amplitude modulation, phase modulation,
ionized high temperature gases	and frequency modulation systems
[NASA-CASE-XNP-09802] c33 N71-15641	[NASA-CASE-XGS-00740] c07 N71-23098
Construction and method of arranging plurality	RADIO RELAY SYSTEMS
of ion engines to form cluster thereby	Satellite radio communication system with remote
increasing efficiency and control by	steerable antenna f NASA-CASE-XNP-02389 }
decreasing heat radiated to space [NASA-CASE-KNP-02923]	[NASA-CASE-XNP-02389] C07 N71-28900 RADIO SIGNALS
RADIATORS	Erectable, inflatable, radio signal reflecting
Development and characteristics of natural	passive communication satellite
circulation radiator for use with nuclear	[NASA-CASE-NLA-00210] c30 N70-40309
power plants installed in lunar space stations	Synchronous detection system for detecting weak
[NASA-CASE-XHQ-03673] c33 N71-29046 RADIO ANTENNAS	radio astronomical signals [NASA-CASE-XNP-09832] c30 N71-23723
Low loss parasitic probe antenna for prelaunch	RADIO STARS
tests of spacecraft antennas	System generating sidereal frequency signals
[NASA-CASE-XKS-09348] c09 N71-13521	from signals of standard solar frequency
VHF/UHF parasitic probe antenna for spacecraft	without use of mixing operations or feedback
communication	loops (NASA-CASE-XGS-026101 c14 N71-23174
[NASA-CASE-XKS-09340] c07 N71-24614 Development and characteristics of extensible	[NASA-CASE-XGS-02610] C14 N71-23174 RADIO TELEHETHY
dipole antenna using deformable tubular	Digital telemetry system apparatus to reduce
metallic strip element	tape recorder wow and flutter noise during
(NASA-CASE-HQN-00937) c07 N71-28979	playback
RADIO ASTRONOBY	[NASA-CASE-XGS-Q1812] c07 N71-23001
Synchronous detection system for detecting weak	RADIO TRANSHITTERS Development of radio locating system for
radio astronomical signals [NASA-CASE-XNP-09832] c30 N71-23723	monitoring geographic movement of surface
RADIO CONTROL	vehicles in metropolitan area using
Radio frequency controlled solid state switch	unsynchronized radio broadcasting stations
[NASA-CASE-ARC-10136-1] c09 N72-22202	[NASA-CASE-NPO-13217-1] c07 N73-26144
RADIO FREQUENCIES	Aircraft mounted crash location transmitter for
Helical coaxial resonator RF filter [NASA-CASE-XGS-02816] c07 N69-24323	emergency signal transmission after crashes [NASA-CASE-MF5-16609-2] c07 N73-31084
Automatic gain control amplifier system	RADIO BAVES
[NASA-CASE-XMS-05307] c09 N69-24330	Gunn effect microwave diodes with RF shielding
Method and apparatus for bowing of instrument	[NASA-CASE-ERC-10119] c26 N72-21701
panels to improve radio frequency shielded	RADIOACTIVE ISOTOPES
enclosure [NASA-CASE-XMF-09422] c07 N71-19436	Radioactive isotope capsule container design for atmospheric reentry protection and heat
Development of automatic frequency	transmission to spacecraft
discriminators and control for phase lock loop	[NASA-CASE-LEH-11227-1] c33 N71-35153
providing frequency preset capabilities	Thermally cascaded thermoelectric generator with
[NASA-CASE-XMF-08665] c10 N71-19467	radioisotopic heat source
System generating sidereal frequency signals from signals of standard solar frequency	[NASA~CASE~NPO~10753] c03 N72-26031 RADIOBIOLOGY
without use of mixing operations or feedback	Production of I-123 for use as
loops	radiopharmaceutical for low radiation exposure
[NASA-CASE-XGS-02610] c14 N71-23174	[NASA-CASE-LEH-10518-1] c24 N72-33681
Radio frequency coaxial filter to provide do	RADIOGRAPHY Police Police Parks of Parks of Parks
isolation and low frequency signal rejection in audio range	Nondestructive radiographic tests of resistance velds
[NASA-CASE-XGS-01418] C09 N71~23573	[NASA-CASE-XNP-02588] c15 N71-18613
Variable frequency nuclear magnetic resonance	RADIOHETERS
spectrometer providing drive signals over wide	Miniaturized radiometer for detecting low level
frequency range and minimizing noise effects	thermal radiation
[NASA-CASE-XNP-09830] c14 N71-26266 High efficiency transformerless amplitude	[NASA-CASE-XLA-04556] c14 N69-27484 Black body radiometer design with temperature
modulator coupled to RF power amplifier	sensing and cavity heat source cone winding
f NASA-CASE-GSC-10668-11 c07, N71-28430	[NASA-CASE-XNP-09701] c14 N71-26475
Technique and equipment for sputtering using	Black body radiometer having isothermally
apertured electrode and pulsed substrate bias	surrounded cavity for ultraviolet, visible,
[NASA-CASE-LEW-10920-1] c17 N73-24569 Radio frequency source resistance measuring	and infrared radiation [NASA-CASE-NPO-10810] c14 N71-27323
instruments of varied design	Thermodielectric radiometer using polymer film
rnasa-case-NPO-11291-1] c14 N73-30388	as capacitor
Multichannel logarithmic RF level detector	[NASA-CASE-ARC-10138-1] c14 N72-24477
[NASA-CASE-LAR-11021-1] C14 N74-20019	Development of radiant energy sensor to detect
RADIO PREQUENCY INTERFERENCE Radio frequency noise generator having microwave	the radiant energy wavelength bands from fortions of radiating body
slow-wave structure in gas discharge plasma	[NASA-CASE-ERC-10174] c14 N72-25409
rwasa-case-xer-11019) c09 N71-23598	Development of radiometric sensor to warm
automatic nulling system for interference signal	aircraft pilots of region of clear air
at multichannel receiver by polarization	turbulence along flight path
adjustment [NASA-CASE-NPO-13140-1] c07 N73-27106	[NASA-CASE-ERC-10081] c14 N72-28437 Design and development of radiometer to observe
Entropy and the state of the st	steady state radiation in vacuum environment

[NASA-CASE-MFS-21108-1] C14 N73-124	55 [NASA-CASE-ARC-10042-2] c10 N72-11256
Radiometric measuring system for Solar activity	Active RC filter networks and amplifiers for
and atmospheric attenuation and emission	deep space magnetic field measurement
[NASA-CASE-ERC-10276] C14 N73-264	
BADIOTELEPHONES	RC networks with voltage amplifier, RC input
Communication system for transmitting biomedica	circuit, and positive feedback
information obtained from patient in moving	[NASA-CASE-ARC-10020] C10 N/2-1/1/2
ambulance to hospital for diagnosis	active filter circuit comprising passive RC
[NASA-CASE-FRC-10031] C05 N70-207	
RAIN	[NASA-CASE-XAC-05462]
Precipitation detector and mechanism for	Multiloop RC active filter network with low
stopping and restarting machinery at	parameter sensitivity and low amplifier gain
initiation and cessation of rain	[NASA-CASE-ARC-10192] c09 N72-21245
[NASA-CASE-XLA-02619] c10 N71-263	
RAHJET ENGINES	wheatstone bridge with RC circuit
Telescoping-spike supersonic nozzle for turboje	t [NASA-CASE-NPO-11304] c14 N73-26430
or ramjet engines	REACTION CONTROL
[NASA-CASE-XLE-00005] C28 N70-398	
RANDOM LOADS	controlling reaction jets of spacecraft
Fatigue testing device applying random discrete	[NASA-CASE-XLA-04063] c31 N71-33160
load levels to test specimen and applicable t	O KENCITON AUERTZ
aircraft structures	Satellite stabilization reaction wheel scapner
[NASA-CASE-XLA-02131] c32 N70-420	
RANDON NOISE	Gravity gradient attitude control system with
Circuits for amplitude limiting of random noise	gravity gradiometer and reaction wheels for
inputs	artificial satellite attitude control
[NASA-CASE-NPO-10169] c10 N71-248	
Digital servocontrol system for random noise	REACTIVITY
excitation in reverberant acoustic chamber	Absorbing gas reactivity control system for
[NASA-CASE-NPO-11623-1] c23 N72-256	28 minimizing power distribution and perturbation
	in Nuclear Feactors
RANDOM PROCESSES	[NASA-CASE-XLE-04599]
Circuitry for generating random square wave	REACTOR CORES
pulses using white noise source	Simulated fuel assembly-type flow measurement
[NASA-CASE-MSC-14131-1] c09 N73-261	
RANGE FINDERS	[NASA-CASE-XLE-00724] c14 N70-34669
Closed loop radio communication ranging system	Solid state device for mapping flux and power in
to determine distance between moving airborne	nuclear reactor cores
vehicle and fixed ground station	[NASA-CASE-XLE-00301] c14 N70-36808
[NASA-CASE-XNP-01501] c21 N70-419	
RANGEPINDING	conversion f NASA-CASE-NPO-105421 c09 N72-27228
Equipment for testing of ground station ranging	
equipment and spacecraft transponders [NASA-CASE-XMS-05454-11 c07 N71-123	REACTOR TECHNOLOGY 91 Nuclear reactor control rod assembly with
Spacecraft ranging system	improved driving mechanism
[NASA-CASE-NPO-10066] C09 N71-185	98 [NASA-CASE-XLE-00298] c22 N70-34501
[NASA-CASE-NPO-10066] C09 N71-185 Binary coded sequential acquisition ranging	98 [NASA-CASE-XLE-00298] C22 N70-34501 READOUT
[NASA-CASE-NPO-10066] c09 N71-185 Binary coded sequential acquisition ranging system for distance measurements	98 [NASA-CASE-NLE-00298] c22 N70-34501 READOUT Flow angle sensor and remote readout system for
[NASA-CASE-NPO-10066] c09 N71-185 Binary coded sequential acquisition ranging system for distance measurements [NASA-CASE-NPO-11194] c08 N72-252	98 [NASA-CASE-XLE-00298] C22 N70-34501 READOUT Flow angle sensor and remote readout system for use with cryogenic fluids
[NASA-CASE-NPO-10066] c09 N71-185 Binary coded sequential acquisition ranging system for distance measurements [NASA-CASE-NPO-11194] c08 N72-252 Loop transponder for regenerating code of	98 [NASA-CASE-XLE-00298] C22 N70-34501 READOUT Flow angle sensor and remote readout system for use with cryogenic fluids [NASA-CASE-XLE-04503] C14 N71-24864
[NASA-CASE-NPO-10066] C09 N71-185 Binary coded sequential acquisition ranging system for distance measurements [NASA-CASE-NPO-11194] c08 N72-252 Loop transponder for regenerating code of mu-type ranging system	98 [NASA-CASE-NLE-00298] c22 N70-34501 READOUT Flow angle sensor and remote readout system for 09 use with cryogenic fluids [NASA-CASE-NLE-04503] c14 N71-24864 System for checking status of several
[NASA-CASE-NPO-10066] c09 N71-185 Binary coded sequential acquisition ranging system for distance measurements [NASA-CASE-NPO-11194] c08 N72-252 Loop transponder for regenerating code of mu-type ranging system [NASA-CASE-NPO-11707] c07 N73-251	98 [NASA-CASE-XLE-00298] c22 N70-34501 READOUT Flow angle sensor and remote readout system for use with cryogenic fluids [NASA-CASE-XLE-04503] c14 N71-24864 System for checking status of several double-throw switches by readout indications
[NASA-CASE-NPO-10066] C09 N71-185 Binary coded sequential acquisition ranging system for distance measurements [NASA-CASE-NPO-11194] c08 N72-252 Loop transponder for regenerating code of mu-type ranging system [NASA-CASE-NPO-11707] c07 N73-251 Orbital and entry tracking accessory for globes	98 [NASA-CASE-XLE-00298] C22 N70-34501 READOUT Flow angle sensor and remote readout system for use with cryogenic fluids [NASA-CASE-XLE-04503] C14 N71-24864 System for checking status of several double-throw switches by readout indications [NASA-CASE-XLA-08799] C10 N71-27272
[NASA-CASE-NPO-10066] C09 N71-185 Binary coded sequential acquisition ranging system for distance measurements [NASA-CASE-NPO-11194] c08 N72-252 Loop transponder for regenerating code of mu-type ranging system [NASA-CASE-NPO-11707] c07 N73-251 Orbital and entry tracking accessory for globes to provide range requirements for reentry	98 [NASA-CASE-XLE-00298] c22 N70-34501 READOUT Flow angle sensor and remote readout system for use with cryogenic fluids [NASA-CASE-XLE-04503] c14 N71-24864 System for checking status of several double-throw switches by readout indications [NASA-CASE-XLE-08799] c10 N71-27272 REAL TIME OPERATION
[NASA-CASE-NPO-10066] C09 N71-185 Binary coded sequential acquisition ranging system for distance measurements [NASA-CASE-NPO-11194] c08 N72-252 Loop transponder for regenerating code of mu-type ranging system [NASA-CASE-NPO-11707] c07 N73-251 Orbital and entry tracking accessory for globes to provide range requirements for reentry vehicles to any landing site	98 [NASA-CASE-XLE-00298] C22 N70-34501 READOUT Flow angle sensor and renote readout system for 09 use with cryogenic fluids [NASA-CASE-XLE-04503] C14 N71-24864 System for checking status of several double-throw switches by readout indications [NASA-CASE-XLA-08799] C10 N71-27272 REAL TIME OPERATION Respiratory analysis system to determine gas
[NASA-CASE-NPO-10066] C09 N71-185 Binary coded sequential acquisition ranging system for distance measurements [NASA-CASE-NPO-11194] c08 N72-252 Loop transponder for regenerating code of mu-type ranging system [NASA-CASE-NPO-11707] c07 N73-251 Orbital and entry tracking accessory for globes to provide range requirements for reentry vehicles to any landing site [NASA-CASE-LAR-10626-1] c14 N74-210	98 [NASA-CASE-XLE-00298] c22 N70-34501 READOUT Flow angle sensor and remote readout system for use with cryogenic fluids [NASA-CASE-XLE-04503] c14 N71-24864 System for checking status of several double-throw switches by readout indications [NASA-CASE-XLA-08799] c10 N71-27272 REAL TIME OPERATION Respiratory analysis system to determine gas flow rate and frequency of respiration and
[NASA-CASE-NPO-10066] c09 N71-185 Binary coded sequential acquisition ranging system for distance measurements [NASA-CASE-NPO-11194] c08 N72-252 Loop transponder for regenerating code of mu-type ranging system [NASA-CASE-NPO-11707] c07 N73-251 Orbital and entry tracking accessory for globes to provide range requirements for reentry vehicles to any landing site [NASA-CASE-LAR-10626-1] c14 N74-210 BARE EARTH COMPOUNDS	98 [NASA-CASE-XLE-00298] c22 N70-34501 READOUT Flow angle sensor and remote readout system for use with cryogenic fluids [NASA-CASE-XLE-04503] c14 N71-24864 System for checking status of several double-throw switches by readout indications [NASA-CASE-XLE-08799] c10 N71-27272 REAL TIME OPERATION Respiratory analysis system to determine gas flow rate and frequency of respiration and expiration cycles in real time
[NASA-CASE-NPO-10066] c09 N71-185 Binary coded sequential acquisition ranging system for distance measurements [NASA-CASE-NPO-11194] c08 N72-252 Loop transponder for regenerating code of mu-type ranging system [NASA-CASE-NPO-11707] c07 N73-251 Orbital and entry tracking accessory for globes to provide range requirements for reentry vehicles to any landing site [NASA-CASE-LAR-10626-1] c14 N74-210 BARE EARTH COMPOUNDS Including didymium bydrate im nickel bydroxide	NASA-CASE-NLE-00298] c22 N70-34501 READOUT Flow angle sensor and remote readout system for use with cryogenic fluids [NASA-CASE-NLE-04503] c14 N71-24864 System for checking status of several double-throw switches by readout indications [NASA-CASE-NLE-08799] c10 N71-27272 REAL TIME OPERATION Respiratory analysis system to determine gas flow rate and frequency of respiration and expiration cycles in real time [NASA-CASE-NSC-13436-1] c05 N73-32015
[NASA-CASE-NPO-10066] c09 N71-185 Binary coded sequential acquisition ranging system for distance measurements [NASA-CASE-NPO-11194] c08 N72-252 Loop transponder for regenerating code of mu-type ranging system [NASA-CASE-NPO-11707] c07 N73-251 Orbital and entry tracking accessory for globes to provide range requirements for reentry vehicles to any landing site [NASA-CASE-LAR-10626-1] c14 N74-210 BARE EARTH COMPOUNDS Including didymium hydrate in nickel hydroxide of positive electrode of storage batteries to	98 [NASA-CASE-NIE-00298] C22 N70-34501 READOUT Flow angle sensor and remote readout system for use with cryogenic fluids [NASA-CASE-NIE-04503] C14 N71-24864 System for checking status of several double-throw switches by readout indications [NASA-CASE-NIE-08799] C10 N71-27272 REAL TIME OPERATION Respiratory analysis system to determine gas flow rate and frequency of respiration and expiration cycles in real time [NASA-CASE-MSC-13436-1] C05 N73-32015 Real time moving scene holographic camera system
[NASA-CASE-NPO-10066] c09 N71-185 Binary coded sequential acquisition ranging system for distance measurements [NASA-CASE-NPO-11194] c08 N72-252 Loop transponder for regenerating code of mu-type ranging system [NASA-CASE-NPO-11707] c07 N73-251 Orbital and entry tracking accessory for globes to provide range requirements for reentry vehicles to any landing site [NASA-CASE-LAR-10626-1] c14 N74-210 BARE EARTH COMPOUNDS Including didymium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity	[NASA-CASE-NLE-00298] C22 N70-34501 READOUT Flow angle sensor and remote readout system for use with cryogenic fluids [NASA-CASE-NLE-04503] C14 N71-24864 System for checking status of several double-throw switches by readout indications [NASA-CASE-NLA-08799] C10 N71-27272 REAL TIME OPERATION Respiratory analysis system to determine gas flow rate and frequency of respiration and expiration cycles in real time [NASA-CASE-MSC-13436-1] C05 N73-32015 Real time moving scene holographic camera system [NASA-CASE-MPS-21087-1] C14 N74-17153
[NASA-CASE-NPO-10066] c09 N71-185 Binary coded sequential acquisition ranging system for distance measurements [NASA-CASE-NPO-11194] c08 N72-252 Loop transponder for regenerating code of mu-type ranging system [NASA-CASE-NPO-11707] c07 N73-251 Orbital and entry tracking accessory for globes to provide range requirements for reentry vehicles to any landing site [NASA-CASE-LAR-10626-1] c14 N74-210 BARE EARTH COMPOUNDS Including didymium bydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity	[NASA-CASE-NLE-00298] C22 N70-34501 READOUT Flow angle sensor and remote readout system for use with cryogenic fluids [NASA-CASE-NLE-04503] C14 N71-24864 System for checking status of several double-throw switches by readout indications [NASA-CASE-NLA-08799] C10 N71-27272 REAL TIME OPERATION Respiratory analysis system to determine gas flow rate and frequency of respiration and expiration cycles in real time [NASA-CASE-MSC-13436-1] C05 N73-32015 Real time moving scene holographic camera system [NASA-CASE-MFS-21087-1] C14 N74-17153
[NASA-CASE-NPO-10066] c09 N71-185 Binary coded sequential acquisition ranging system for distance measurements [NASA-CASE-NPO-11194] c08 N72-252 Loop transponder for regenerating code of mu-type ranging system [NASA-CASE-NPO-11707] c07 N73-251 Orbital and entry tracking accessory for globes to provide range requirements for reentry vehicles to any landing site [NASA-CASE-LAR-10626-1] c14 N74-210 BARE EARTH COMPOUNDS Including didymium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] c03 N71-106	[NASA-CASE-NLE-00298] c22 N70-34501 READOUT Flow angle sensor and remote readout system for use with cryogenic fluids [NASA-CASE-XLE-04503] c14 N71-24864 System for checking status of several double-throw switches by readout indications [NASA-CASE-XLE-08799] c10 N71-27272 REAL TIME OPERATION Respiratory analysis system to determine gas flow rate and frequency of respiration and expiration cycles in real time [NASA-CASE-MSC-13436-1] c05 N73-32015 Real time moving scene holographic camera system [NASA-CASE-MFS-21087-1] c14 N74-17153
[NASA-CASE-NPO-10066] c09 N71-185 Binary coded sequential acquisition ranging system for distance measurements [NASA-CASE-NPO-11194] c08 N72-252 Loop transponder for regenerating code of mu-type ranging system [NASA-CASE-NPO-11707] c07 N73-251 Orbital and entry tracking accessory for globes to provide range requirements for reentry vehicles to any landing site [NASA-CASE-LAR-10626-1] c14 N74-210 BARE BARTH COMPOUNDS Including didymium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] c03 N71-106 RARE GASES	[NASA-CASE-NLE-00298] c22 N70-34501 READOUT Flow angle sensor and remote readout system for use with cryogenic fluids [NASA-CASE-NLE-04503] c14 N71-24864 System for checking status of several double-throw switches by readout indications [NASA-CASE-NLA-08799] c10 N71-27272 REAL TIME OPERATION Respiratory analysis system to determine gas flow rate and frequency of respiration and expiration cycles in real time [NASA-CASE-MSC-13436-1] c05 N73-32015 Real time moving scene holographic camera system [NASA-CASE-MPS-21087-1] c14 N74-17153 RECRIVERS Semiconductor in resonant cavity for improving signal to noise ratio of communication receiver
[NASA-CASE-NPO-10066] C09 N71-185 Binary coded sequential acquisition ranging system for distance measurements [NASA-CASE-NPO-11194] C08 N72-252 Loop transponder for regenerating code of mu-type ranging system [NASA-CASE-NPO-11707] C07 N73-251 Orbital and entry tracking accessory for globes to provide range requirements for reentry vehicles to any landing site [NASA-CASE-LAR-10626-1] C14 N74-210 BARE BARTH COMPOUNDS Including didymium hydrate in nickel hydroxide of:positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] C03 N71-106 RARE GASES Inert gas metallic vapor laser	[NASA-CASE-NLE-00298] c22 N70-34501 READOUT Flow angle sensor and remote readout system for use with cryogenic fluids [NASA-CASE-XLE-04503] c14 N71-24864 System for checking status of several double-throw switches by readout indications [NASA-CASE-XLE-08799] c10 N71-27272 REAL TIME OPERATION Respiratory analysis system to determine gas flow rate and frequency of respiration and expiration cycles in real time [NASA-CASE-MSC-13436-1] c05 N73-32015 Real time moving scene holographic camera system [NASA-CASE-MFS-21087-1] c14 N74-17153 RECRIVERS Semiconductor in resonant cavity for improving signal to noise ratio of communication receiver [NASA-CASE-MSC-12259-1] c07 N70-12616 Design of nonlinear coherence receiver with
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[NASA-CASE-NPO-10066] Binary coded sequential acquisition ranging system for distance measurements [NASA-CASE-NPO-11194]	SASA-CASE-YLE-00298] C22 N70-34501 READOUT Flow angle sensor and remote readout system for use with cryogenic fluids [NASA-CASE-XLE-04503] C14 N71-24864 System for checking status of several double-throw switches by readout indications [NASA-CASE-XLA-08799] C10 N71-27272 REAL TIME OPERATION Respiratory analysis system to determine gas flow rate and frequency of respiration and expiration cycles in real time [NASA-CASE-MSC-13436-1] C05 N73-32015 Real time moving scene holographic camera system [NASA-CASE-MFS-21087-1] C14 N74-17153 RECRIVERS Semiconductor in resonant cavity for improving signal to noise ratio of communication receiver [NASA-CASE-MSC-12259-1] C07 N70-12616 Design of nonlinear coherence receiver with feedback signal selection for carrier tracking in telecommunications [NASA-CASE-NPO-11921-1] C07 N73-23118 Improved phase lock loop for receiver in multichannel telemetry system with suppressed carrier [NASA-CASE-NPO-11593-1] c07 N73-28012 Automatic carrier acquisition system for phase locked loop receiver [NASA-CASE-NPO-11628-1] c07 N73-30113 RECONSTRUCTION Method and means for recording and reconstructing holograms without use of reference beam [NASA-CASE-ERC-10020] c16 N71-26154 RECORDING INSTRUMENTS
[NASA-CASE-NPO-10066] Binary coded sequential acquisition ranging system for distance measurements [NASA-CASE-NPO-11194]	READOUT Flow angle sensor and remote readout system for use with cryogenic fluids [NASA-CASE-XLE-04503] C14 N71-24864 System for checking status of several double-throw switches by readout indications [NASA-CASE-XLA-08799] C10 N71-27272 BEAL TIME OPERATION Respiratory analysis system to determine gas flow rate and frequency of respiration and expiration cycles in real time [NASA-CASE-MSC-13436-1] C05 N73-32015 Real time moving scene holographic camera system [NASA-CASE-MFS-21087-1] C14 N74-17153 RECRIVERS Semiconductor in resonant cavity for improving signal to noise ratio of communication receiver [NASA-CASE-MSC-12259-1] C07 N70-12616 Design of nonlinear coherence receiver with feedback signal selection for carrier tracking in telecommunications [NASA-CASE-NPO-11921-1] c07 N73-23118 Improved phase lock loop for receiver in multichannel telemetry system with suppressed carrier [NASA-CASE-NPO-11593-1] c07 N73-28012 Automatic carrier acquisition system for phase locked loop receiver [NASA-CASE-NPO-11628-1] c07 N73-30113 RECONSTRUCTION Method and means for recording and reconstructing holograms without use of reference bean [NASA-CASE-ERC-10020] c16 N71-26154 RECORDING INSTRUMENTS Weighing and recording device for obtaining
[NASA-CASE-NPO-10066] Binary coded sequential acquisition ranging system for distance measurements [NASA-CASE-NPO-11194]	READOUT Flow angle sensor and remote readout system for use with cryogenic fluids [MASA-CASE-NIE-04503] System for checking status of several double-throw switches by readout indications [MASA-CASE-NIE-04503] REAL TIME OPERATION Respiratory analysis system to determine gas flow rate and frequency of respiration and expiration cycles in real time [MASA-CASE-MSC-13436-1] RECEIVERS Semiconductor in resonant cavity for improving signal to noise ratio of communication receiver [NASA-CASE-MSC-12259-1] CON 770-12616 Design of nonlinear coherence receiver with feedback signal selection for carrier tracking in telecommunications [MASA-CASE-NPO-11921-1] CON 773-23118 Improved phase lock loop for receiver in multichannel telemetry system with suppressed carrier [MASA-CASE-NPO-11593-1] Automatic carrier acquisition system for phase locked loop receiver [MASA-CASE-NPO-11628-1] RECONSTRUCTION Method and means for recording and reconstructing holograms without use of reference beam [MASA-CASE-ERC-10020] C16 M71-26154 RECORDING INSTRUMENTS Weighing and recording device for obtaining precise automatic record of small changes in
[NASA-CASE-NPO-10066] Binary coded sequential acquisition ranging system for distance measurements [NASA-CASE-NPO-11194]	READOUT Flow angle sensor and remote readout system for use with cryogenic fluids [NASA-CASE-XLE-04503] System for checking status of several double-throw switches by readout indications [NASA-CASE-XLA-08799] REAL THE OPERATION Respiratory analysis system to determine gas flow rate and frequency of respiration and expiration cycles in real time [NASA-CASE-MSC-13436-1] RECEIVERS Semiconductor in resonant cavity for improving signal to noise ratio of communication receiver [NASA-CASE-MSC-12259-1] Real time consumate coherence receiver with feedback signal selection for carrier tracking in telecommunications [NASA-CASE-NPO-11921-1] RECEIVERS 84 Improved phase lock loop for receiver in multichannel telemetry system with suppressed carrier [NASA-CASE-NPO-11593-1] Automatic carrier acquisition system for phase locked loop receiver [NASA-CASE-NPO-11628-1] RECONSTRUCTION Nethod and means for recording and reconstructing holograms without use of reference beam [NASA-CASE-NC-1020] RECORDING INSTRUMENTS Weighing and recording device for obtaining precise automatic record of small changes in force
[NASA-CASE-NPO-10066] Binary coded sequential acquisition ranging system for distance measurements [NASA-CASE-NPO-11194] C08 N72-252 Loop transponder for regenerating code of mu-type ranging system [NASA-CASE-NPO-11707] Orbital and entry tracking accessory for globes to provide range requirements for reentry vehicles to any landing site [NASA-CASE-LAR-10626-1] C14 N74-210 RARE RARTH COMPOUNDS Including didymium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-XGS-03505] RARE GASES Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] C16 N74-161 RAREFIED GASES Magnetically controlled plasma accelerator capable of ignition in low density gaseous environment [NASA-CASE-NLA-00327] C25 N71-291 RATES (PER TIME) Apparatus and digital technique for coding rate data [NASA-CASE-LAR-10128-1] RC transistor circuit to indicate each pulse of pulse train and occurrence of nth pulse [NASA-CASE-NF-00906] Device utilizing RC rate generators for continuous slow speed measurement [NASA-CASE-NF-02966] Digital data handling circuits for pulse amplifiers [NASA-CASE-XNF-02966] Design of active RC network capable of operatin	READOUT Flow angle sensor and remote readout system for use with cryogenic fluids [NASA-CASE-XLE-04503] System for checking status of several double-throw switches by readout indications [NASA-CASE-XLA-08799] C10 N71-27272 REAL TIME OPERATION Respiratory analysis system to determine gas flow rate and frequency of respiration and expiration cycles in real time [NASA-CASE-MSC-13436-1] RECRIVERS Semiconductor in resonant cavity for improving signal to noise ratio of communication receiver [NASA-CASE-MSC-12259-1] Design of nonlinear coherence receiver with feedback signal selection for carrier tracking in telecommunications [NASA-CASE-NPO-11921-1] Improved phase lock loop for receiver in multichannel telemetry system with suppressed carrier [NASA-CASE-NPO-11593-1] Automatic carrier acquisition system for phase locked loop receiver [NASA-CASE-NPO-11628-1] C07 N73-23012 RECONSTRUCTION Nethod and means for recording and reconstructing holograms without use of reference beam [NASA-CASE-RC-10020] RECONSTRUCTION RESONATE RECONDED RECORDED RECOR
[NASA-CASE-NPO-10066] Binary coded sequential acquisition ranging system for distance measurements [NASA-CASE-NPO-11194]	[NASA-CASE-ILE-00298]
[NASA-CASE-NPO-10066] Binary coded sequential acquisition ranging system for distance measurements [NASA-CASE-NPO-11194] CO8 N72-252 Loop transponder for regenerating code of mu-type ranging system [NASA-CASE-NPO-11707] CO7 N73-251 Orbital and entry tracking accessory for globes to provide range requirements for reentry vehicles to any landing site [NASA-CASE-LAR-10626-1] EARE EARTH COMPOUNDS Including didymium hydrate in nickel hydroxide of positive electrode of storage batteries to increase ampere hour capacity [NASA-CASE-KGS-03505] CO3 N71-106 EARE GASES Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] EAREFIED GASES Hagnetically controlled plasma accelerator capable of ignition in low density gaseous environment [NASA-CASE-LIA-00327] EATES (PER TIME) Apparatus and digital technique for coding rate data [NASA-CASE-LIA-00327] CC CIRCUITS RC transistor circuit to indicate each pulse of pulse train and occurrence of nth pulse [NASA-CASE-LAR-10128-1] CO8 N73-202 RC CIRCUITS RC transistor circuit to indicate each pulse of pulse train and occurrence of nth pulse [NASA-CASE-LAR-00906] Device utilizing RC rate generators for continuous slow speed measurement [NASA-CASE-XMF-00906] Digital data handling circuits for pulse amplifiers [NASA-CASE-XNF-01068] C10 N71-287 Design of active RC network capable of operatin at high Q values with reduced sensitivity to gain amplification and number of passive	[NASA-CASE-ILE-00298]
[NASA-CASE-NPO-10066] Binary coded sequential acquisition ranging system for distance measurements [NASA-CASE-NPO-11194]	[NASA-CASE-ILE-00298]

Helical recorder for multiple channel recording	vehicle	
[NASA-CASE-GSC-10614-1] c09 N72-11224	[NASA-CASE-XLA-01552]	c07 N71-11284
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L NASA-CASE-LAR-10806-11 c14 N73-15474	for interplanetary spacecraft re	
Thermomagnetic recording and magneto-optic	[NASA-CASE-XMS-02677]	c31 N70-42075
? Playback system having constant intensity	Method and apparatus for fabricati	
laser beam control [NASA-CASE-NPO-11317-2] c16 N74-13205	insulating and ablative reentry	
RECOVERABILITY 610 M/4-13203	[NASA-CASE-XMS-02009] Radioactive isotope capsule contai	c33 N71-20834
Ejectable underwater sound source recovery	atmospheric reentry protection a	
assembly ·	transmission to spacecraft	
[NASA-CASE-LAR-10595-1] c15 N74-16135 RECOVERABLE LAUNCH VEHICLES	[NASA-CASE-LEH-11227-1]	c33 N71-35153
Techniques for recovery of multistage rocket	Ablative heat shield for protection	
Vehicles by providing lifting surfaces on	<pre>aerodynamic heating of reentry s [NASA-CASE-MSC-12143-1]</pre>	c33 N72-17947
individual sections	REENTRY TRAJECTORIES	
[NASA-CASE-XMF-00369] c31 N70-34176 RECOVERABLE SPACECRAFT	Aerodynamic configuration of reent	
Describing assembly for opening stabilizing and	heat shield to provide longitudi directional stability at hyperso	
decelerating flaps of flight capsules used in	[NASA-CASE-XMS-04142]	c31 N70-41631
space research	RECUTRY VEHICLES	
[NASA-CASE-XMF-03169] c31 N71-15675	Leading edge design for hypersonic	reentry
Parachute system for lowering manned spacecraft	Vehicles	c31 N70-33242
from post-reentry to ocean landing	[NASA-CASE-XLA-00165] Delta winged, manned reentry vehic	
[NASA-CASE-XLA-00195] c02 N70-38009	horizontal glide landing at low	
Development and operating principles of gas	[NASA-CASE-XLA-00241]	c31 N70-37986
generator for deploying recovery parachutes from space capsules during atmospheric entry	Telespectrograph for analyzing upp	
[NASA-CASE-LAR-10549-1] c31 N73-13898	<pre>by tracking bodies reentering at high velocities</pre>	mosphere at
RECTANGULAR PANELS	[NASA-CASE-XLA-03273]	c14 N71-18699
Rectangular solar cell stacked panels to	Ablation sensor for measuring surf	
generate electrical power aboard spacecraft [NASA-CASE-NPO-11771] c03 N73-20040	rate of material on vehicles ent atmosphere on entry into planeta	
RECTIPIERS	[NASA-CASE-XLA-01791]	c14 N71-22991
Lithium drifted silicon radiation detector with	Design of ring wing wehicle of hig	
gold rectifying contacts	drag-to-weight ratio to withstan	
[NASA-CASE-XLE-10529] c14 N69-23191 Power control switching circuit using low	stress into low density atmosphe [NASA-CASE-XLA-04901]	re c31 N71-24315
voltage semiconductor controlled rectifiers	Development of auxiliary lifting s	
for high voltage isolation	provide ferry capability for ent	
[NASA-CASE-XNP-02713] c10 N69-39888 Precision full wave rectifier circuit for	[NASA-CASE-LAR-10574-1]	c11 N73-13257
rectifying incoming electrical signals having	Development and operating principl generator for deploying recovery	
positive or negative polarity with only	from space capsules during atmos	
positive output signals	[NASA-CASE-LAR-10549-1]	~ c31 N73-13898
[NASA-CASE-ARC-10101-1] c09 N71-33109 Voltage amplitude-responsive trigger circuit	REFERENCE SYSTEMS Automatic frequency control device	for promiding
with silicon controlled rectifier	frequency reference for voltage	
[NASA-CASE-GSC-10221-1] c09 N72-23171	oscillator	
Do to ac to do converter with transistor driven synchronous rectifiers	[NASA-CASE-KSC-10393] REFINING	c09 N72-21247
[NASA-CASE-GSC-11126-1] c09 N72-25253	Helium refining by superfluidity	
REDUCED GRAVITY	[NASA-CASE-XNP-00733]	CO6 N70-34946
Reduced gravity liquid configuration simulator	REFLECTANCE	_
to study propellant behavior in rocket fuel tanks	Optical characteristics measuring [NASA-CASE-XNP-08840]	apparatus c23 N71-16365
[NASA-CASE-ILE-02624] c12 N69-39988	Device for determining acceleration	n of gravity
Apparatus for measuring human body mass in zero	by interferometric measurement o	f travel of
or reduced gravity environment [NASA-CASE-XMS-03371]	falling body	
Cable suspension and inclined walkway system for	[WASA-CASE-XMF-05844] Highly stable optical mirror assem	c14 N71-17587
simulating reduced or zero gravity environments	image quality of light diffracti	on patterns
[NASA-CASE-XLA-01787] c11 N71-16028	[NASA-CASE-ERC-10001]	c23 N71-24868
Development of restraint system for securing personnel to ergometer while exercising under	Transmitting and reflecting diffus	
weightless conditions	[NASA-CASE-LAR-10385-3] REPLECTED HAVES	c23 N73-32538
[NASA-CASE-MFS-21046-1] c14 N73-27377	Device and method for determining	X ray
REDUCTION (CHEHISTRY)	reflection efficiency, scattering	q properties.
Producing metal powders of controlled particle size by reducing oxide using reactive metal	and surface finish of optical su	
wapor in wacuum	[NASA-CASE-MFS-20243] REFLECTION	c23 N73-13662
[NASA-CASE-ILE-06461] c17 N72-22530	Vacuum preparation of zinc titanat	
REDUNDANT COMPONENTS	resistant to loss of reflective	
Redundant memory for enhanced reliability of digital data processing system	[NASA-CASE-MFS-13532] REPLECTOMETERS	c18 N72-17532
[NASA-CASE-GSC-10564] c10 N71-29135	Ellipsoidal mirror reflector for m	easuring
REENTRY COMMUNICATION	reflectance	
<pre>Flectrostatic modulator for communicating through plasma sheath formed around spacecraft</pre>	[NASA-CASE-XGS-05291]	c23 N71-16341
during reentry	REPLECTORS Method of compactly packaging cent	rifugall"
[NASA-CASE-XLA-01400] c07 N70-41331	expandable lightweight flexible	reflector
Method and apparatus for communicating through	satellite	
ionized layer of gases surrounding spacecraft during reentry into planetary atmospheres	[NASA-CASE-XLA-00138]	c31 N70-37981
[NASA-CASE-XLA-01127] c07 N70-41372	Antenna design with self erecting [NASA-CASE-XGS-09190]	
Reentry communication by injection of water	Cylindrical reflector for resolving	c31 N71-16102 g wide angle
droplets into plasma layer surrounding space	light beam from telescope into n	arrow beam for
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SUBJECT INDEX REFRACTORY MATERIALS

spectroscopic analysis	REFRIGERATORS Intermittent type silica gel adsorption
FWACA = CASE = YGS = 08269 C25 B71 20200	refrigerator for providing temperature control
Conical reflector antenna with feed approximating line source	for spacecraft components
	[NASA-CASE-NNP-00920] c15 N71-15906
Target acquisition antenna feed with reflector	REGENERATION (ENGINEERING) Switching circuit with regeneratively connected
system	transistors eliminating power consumption when
well-introca microwave antenna, employing dish	not in use
reflector with plural coaxial horn reeds	[NASA-CASE-XNP-02654] c10 N70-42032 Direct current electromotive system for
FNACA_CASP-NPO-112641 CV/ N/2-231/4	regenerative braking of electric motor
Characteristics of microwave antenna with conical reflectors to generate plane wave front	[NASA-CASE-XMP-01096] C10 N71-16030
[NASA-CASE-NPO-11661] c07 N73-14130	ABGENERATIVE COOLING Metal ribbon wrapped outer wall for
ABBBICAGU HITERTALS	regeneratively cooled combustion chamber
Test apparatus for determining mechanical properties of refractory materials at high	[NASA-CASE-XLE-00164] C15 N/0-36411
temperatures in vacuum or inert atmospheres	Fabrication method for lightweight regeneratively cooled combustion chamber of
rnaca=cace=xtR=003351	channel construction
method for producing refractory molybdenum	(NASA-CASE-XLE-00150] C28 H70-41818
disilicides [NASA-CASE-XMS-00370] c17 N71-20941	Regenerative cooling system for small rocket
Prestressed tacket nozzle with ceramic inner	engine having restart capability and using noncryogenic hypergolic propellants
rings and refractory metal outer rings	(NASA-CASE-XLE-00685] C28 N70-41992
Somiconductor device manufacture using	Regenerative cooling system for rocket
refractory dielectrics as diffusant masks and	combustion chamber using coolant tubes in convergent-divergent nozzle
interconnection insulating materials	[NASA-CASE-XLE-04857] C28 N/1-23968
Plactric furnace for vacuum and zero gravity	Thermocouple apparatus for measuring wall
melting of high melting point materials during	temperatures in regeneratively cooled rocket engines having thin walled cooling passages
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[NASA-CASE-HPS-20710] C11 N/2-23215 REPRACTORY METALS	PROPURPATIVE FUEL CELLS
Refractory filament series circuitry for radiant	Electrolytically regenerative hydrogen-oxygen
heater	fuel cells [NASA-CASE-NLE-04526] c03 N71-11052
[NASA-CASE-XLE-00387] C33 N70-34612 Production of refractory bodies with controlled	PROFESTATORS
porosity by pressing and heating mixtures or	Loop transponder for regenerating code of
refractory and inert metal powders	mu-type ranging system [NASA-CASE-NPO-11707] c07 N73-25161
[NASA-CASE-LEW-10393-1] C17 N/1-15468 Multilayer porous refractory metal ionizer	PROTECTED (COMPUTERS)
design with thick, porous, Large-grain	Data processor with plural register stages for selectively interconnecting with each other to
substrates and thin, porous micron-grain	effect multiplicity of operations
substrates [NASA-CASE-XNF-04338] c17 N71-23046	[NASA-CASE-GSC-10186] CO8 8/1-33110
Brazing allow adapted for brazing corrosion	REINFORCED PLASTICS Process for developing filament reinforced
resistant steel to refractory metals, also for brazing refractory metals to other refractory	plastic tubes used in research and development
metals	programs
[NASA-CASE-XNP-03063] c17 N71-23365	[NASA-CASE-LAR-10203-1] c15 N72-16330 Development of procedure for repairing
Development and characteristics of thermal radiation shielding of refractory metal foil	fiberglass structures which retains geometry
nsed for induction furnace	and strength of original structure
[NASA-CASE-XLE-03432] c33 N71-24145	PRIMPORCEMENT (STRUCTURES)
Production of high strength refractory compounds and microconstituents into refractory metal	Reinforcing beam system for highly flexible
matrix	diaphragms in valves or pressure switches
[NASA-CASE-XLE-03940] c18 N71-26153	[NASA-CASE-XNP-01962] c32 N70-41370 Fabrication of light weight panel structure
Silicide coating process and composition for protection of refractory metals from oxidation	using pairs of elongate hollow ribs of
[NASA-CASE-XLE-10910] C18 N71-29040	semicircular configuration FNaSA-CASE-LAR-11052-11 c32 N73-13929
Development of procedure for improved	RETHPORCING PIRERS
distribution of refractory compounds and micro-constituents in refractory metal matrix	High strength reinforced metallic composites for
[NASA-CASE-XLE-03940-2] c17 N72-28536	applications over wide temperature range
Improved silicide coatings for refractory metals	Method for producing fiber reinforced metallic
employed in space shuttles and gas turbine engine components	composites with high strength and elasticity
[NASA-CASP-LEW-11179-1] C17 N73-22474	over wide temperature range
Method of making an apertured casting (NASA-CASE-LEW-11169-1) c15 N74-18131	[NASA-CASE-XLE-00231] C17 N70-38198 Description of method for producing metallic
[NASA-CASE-LEW-11169-1] c15 N74-18131 REFRIGERATING	composites reinforced with ceramic and
Heat exchanger and decontamination system for	refractory hard metals that are fibered in place
multistage refrigeration unit	[MASA-CASE-NLE-03925] C18 N/1-22894 Production and application of sprayable fiber
[PASA-CASE-NPO-10634] C23 N72-25619 REPRIGERATING MACHINERY	reinforced ablation material
Gas balancing, cryogenic refrigeration apparatus	[NASA-CASE-WLA-04251] c18 M71-26100
with Joule-Thomson valve assembly	RELATATION OSCILLATORS Voltage controlled, variable frequency
[MASA-CASE-NPO-10309] c15 N69-23190 method and apparatus for producing very low	relaxation oscillator with MOSFET variable
temperature refrigeration based on gas	current feed (wasa-case-gsc-10022-11
pressure balance [MASA-CASE-XNP-08877] c15 N71-23025	[HASA-CASE-GSC-10022-1] C10 N71-25882 RELAY SATELLITES
[MASA-CASE-XMP-08877] c15 N71-23025 pual solid cryogens for spacecraft refrigeration	Barth satellite relay station for frequency
insuring low temperature cooling for extended	multiplexed voice transmission [NASA-CASE-GSC-10118-1] c07 N71-24621
periods (#ASA-CASE-GSC-10188-1]	RELEASING
From over and talent it has not been all	Bolt-latch mechanism for releasing despin

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weights from space vehicle	Design and development of multichannel laser
[NASA-CASE-XLA-00679] c15 N70-38601	remote control system using modulated
Quick-release coupling for fueling rocket	helium-neon laser as transmitter and light
<pre>vehicles with cryogenic propellants [MASA-CASE-XKS-01985]</pre>	collector as receiving antenna
LMASA-CASE-IKS-01985] c15 M71-10782 Design and development of release mechanism for	[NASA-CASE-LAR-10311-1] c16 N73-16536 Remotely controlled device for detection of mass
Spacecraft components, releasable despin	changes in selected specimens
meights, and extensible gravity booms	[NASA-CASE-HFS-21556-1] C14 N73-20487
[NASA-CASE-XGS-08718] c15 N71-24600	Renote manipulator system
Pneumatic mechanism for releasing book and loop	[NASA-CASE-HPS-22022-1] c05 N74-10099
fasteners between large rigid structures { MASA-CASE-RHS-10660~1]	RESOTE HARDLING
Delayed simultaneous appendage release mechanism	Hanipulator for remote handling in zero gravity environment
for use on spacecraft equipped with despin	[HASA-CASE-BFS-14405] C15 N72-28495
nechanisms and releasable components	Apparatus for remote handling of materials
[NASA-CASE-GSC-10814-1] c03 H73-20039	mixing or analyzing dangerous chemicals
RELIABILITY ANALYSIS Development of computer program for actionaling	[NASA-CASE-LAR-10634-1] c15 N74-18123
Development of computer program for estimating reliability of self-repair and fault-tolerant	REHOTE SENSORS Passive optical wind and turbulence remote
systems with respect to selected system and	detection system
mission parameters	[NASA-CASE-XNF-14032] C20 N71-16340
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RELIABILITY ENGINEERING	separately located ion gage pressures on
Improving load capacity and fatigue life of rolling element systems in rockets and missiles	Vacque chambers
[NASA-CASE-XLE-02999] c15 W71-16052	[NASA-CASE-XLE-00787] c14 N71-21090 Flow angle sensor and remote readout system for
Gage for quality control of sealing surfaces of	use with cryogenic fluids
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[NASA-CASE-XEF-04966] c14 N71-17658	Time synchronization system for synchronizing
Reliability of automatic refilling walving	clocks at remote locations with master clock
device for cryogenic liquid systems [NASA-CASE-NPO-11177] c15 N72-17453	using moon reflected coded signals
Reliability of electrical connectors after heat	[NASA-CASE-NPO-10143] c10 N71-26326 Development of radiometric sensor to warm
sterilization	aircraft pilots of region of clear air
[NASA-CASE-NPO-10694] c09 N72-20200	turbulence along flight path
Reliable electrical element heater using plural	[NASA-CASE-ERC-10081] c14 N72-28437
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[NASA-CASE-MFS-21462-1] c09 N74-14935 Bollow rolling element bearings	steady state radiation in vacuum environment [NASA-CASE-HPS-21108-1] c14 %73-12455
[NASA-CASE-LEB-11087-3] c15 N74-21064	Development of electronic detection system for
RELIEF VALUES	remotely determining number and novement of
Relief walwe to permit slow and fast bleeding	enemy personnel
rates at difference pressure levels	[NASA-CASE-ARC-10097-2] c07 N73-25160
[NASA-CASE-XMS-05894-1] c15 N69-21924	Hicrowave power transmission system wherein
Describing apparatus for separating gas from cryogenic liquid under zero gravity and for	level of transmitted power is controlled by
venting gas from fuel tank	reflections from receiver
	[NASA-CASE-HPS-21470-1] C10 N74-19870 REHOVAL
[NASA-CASE-XLE-00586] c15 N71-15968 Redundant hydraulic control system for actuators	REHOVAL Catalyst bed element removing tool
[NASA-CASE-XLE-00586] c15 N71-15968 Redundant hydraulic control system for actuators with three main walve combination	REHOVAL Catalyst bed element removing tool [NASA-CASE-XPR-00811] c15 N70-36901
[NASA-CASE-XLE-00586] Redundant hydraulic control system for actuators with three main valve combination [NASA-CASE-BFS-20944] C15 N73-13466	REHOVAL Catalyst bed element removing tool [NASA-CASE-XFR-00811] c15 N70-36901 REPEATERS
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[NASA-CASE-XLE-00586] c15 N71-15968 Redundant hydraulic control system for actuators with three main valve combination [NASA-CASE-HFS-20944] c15 N73-13466 REHOTE CONTROL Oscillatory electromagnetic mirror drive system	REHOVAL Catalyst bed element removing tool [NASA-CASE-XPR-00811] c15 N70-36901 REPEATERS Time division relay synchronizer with master sync pulse for activating binary counter to
[NASA-CASE-XLE-00586] c15 N71-15968 Redundant hydraulic control system for actuators with three main walve combination [NASA-CASE-BFS-20944] c15 N73-13466 REHOTE CODTROL	REHOVAL Catalyst bed element removing tool [NASA-CASE-XFR-00811] c15 N70-36901 REPEATERS Time division relay synchronizer with master sync pulse for activating binary counter to produce signal identifying time slot for station
[NASA-CASE-XLE-00586] c15 N71-15968 Redundant hydraulic control system for actuators with three main walve combination [NASA-CASE-BFS-20944] c15 N73-13466 REHOTE COBTROL Oscillatory electromagnetic mirror drive system for horizon scanners [NASA-CASE-XLA-03724] c14 N69-27461 Stage separation using remote control release of	REHOVAL Catalyst bed element removing tool [NASA-CASE-XPR-00811] c15 N70-36901 REPEATERS Time division relay synchronizer with master sync pulse for activating binary counter to
[NASA-CASE-XLE-00586] c15 N71-15968 Redundant hydraulic control system for actuators with three main valve combination [NASA-CASE-BFS-20944] c15 N73-13466 REHOTE CONTROL Oscillatory electromagnetic mirror drive system for horizon scanners [NASA-CASE-XLA-03724] c14 N69-27461 Stage separation using remote control release of joint with explosive insert	REHOVAL Catalyst bed element removing tool [NASA-CASE-XPR-00811] c15 N70-36901 REPEATERS Time division relay synchronizer with master sync pulse for activating binary counter to produce signal identifying time slot for station [NASA-CASE-GSC-10373-1] c07 N71-19773 REPLACING Indexing mechanism for cathode array
[NASA-CASE-XLE-00586] c15 N71-15968 Redundant hydraulic control system for actuators with three main valve combination [NASA-CASE-BPS-20944] c15 N73-13466 REHOTE COBTROL Oscillatory electromagnetic mirror drive system for horizon scanners [NASA-CASE-XLA-03724] c14 N69-27461 Stage separation using remote control release of joint with explosive insert [NASA-CASE-XLA-02854] c15 N69-27490	REHOVAL Catalyst bed element removing tool [NASA-CASE-XPR-00811] c15 N70-36901 REPEATERS Time division relay synchronizer with master sync pulse for activating binary counter to produce signal identifying time slot for station [NASA-CASE-GSC-10373-1] c07 N71-19773 REPLACING Indexing mechanism for cathode array substitution in electron beam tube
[NASA-CASE-XLE-00586] c15 N71-15968 Redundant hydraulic control system for actuators with three main valve combination [NASA-CASE-HFS-20944] c15 N73-13466 REHOTE CONTROL Oscillatory electromagnetic mirror drive system for horizon scanners [NASA-CASE-XLA-03724] c14 N69-27461 Stage separation using remote control release of joint with explosive insert [NASA-CASE-XLA-02854] c15 N69-27490 Power controlled bimetallic electromechanical	REHOVAL Catalyst bed element removing tool [NASA-CASE-XPR-00811] c15 N70-36901 REPEATERS Time division relay synchronizer with master sync pulse for activating binary counter to produce signal identifying time slot for station [NASA-CASE-GSC-10373-1] c07 N71-19773 REPLACING Indexing mechanism for cathode array substitution in electron beam tube [NASA-CASE-NPO-10625] c09 N71-26182
[NASA-CASE-XLE-00586] c15 N71-15968 Redundant hydraulic control system for actuators with three main valve combination [NASA-CASE-BPS-20944] c15 N73-13466 REHOTE COBTROL Oscillatory electromagnetic mirror drive system for horizon scanners [NASA-CASE-XLA-03724] c14 N69-27461 Stage separation using remote control release of joint with explosive insert [NASA-CASE-XLA-02854] c15 N69-27490	REHOVAL Catalyst bed element removing tool [NASA-CASE-MPR-00811] c15 N70-36901 REPEATERS Time division relay synchronizer with master sync pulse for activating binary counter to produce signal identifying time slot for station [NASA-CASE-GSC-10373-1] c07 N71-19773 REPLACING Indexing mechanism for cathode array substitution in electron beam tube [NASA-CASE-NPO-10625] c09 N71-26182 RESCUE OPERATIONS
[NASA-CASE-XLE-00586] c15 N71-15968 Redundant hydraulic control system for actuators with three main valve combination [NASA-CASE-BFS-20944] c15 N73-13466 REHOTE COBTROL Oscillatory electromagnetic mirror drive system for horizon scanners [NASA-CASE-XLA-03724] c14 N69-27461 Stage separation using remote control release of joint with explosive insert [NASA-CASE-XLA-02854] c15 N69-27490 Power controlled bimetallic electromechanical actuator for accurate, timely, and reliable response to remote control signal [NASA-CASE-XNP-09776] c09 N69-39929	Catalyst bed element removing tool [NASA-CASE-XPR-00811] c15 N70-36901 REPEATERS Time division relay synchronizer with master sync pulse for activating binary counter to produce signal identifying time slot for station [NASA-CASE-GSC-10373-1] c07 N71-19773 REPLACING Indexing mechanism for cathode array substitution in electron beam tube [NASA-CASE-NPO-10625] c09 N71-26182 RESCOR OPERATIONS Backpack carrier with retractable legs suitable
[NASA-CASE-XLE-00586] c15 N71-15968 Redundant hydraulic control system for actuators with three main valve combination [NASA-CASE-HFS-20944] c15 N73-13466 REHOTE COBTROL Oscillatory electromagnetic mirror drive system for horizon scanners [NASA-CASE-XLA-03724] c14 N69-27461 Stage separation using remote control release of joint with explosive insert [NASA-CASE-XLA-02854] c15 N69-27490 Power controlled bimetallic electromechanical actuator for accurate, timely, and reliable response to remote control signal [NASA-CASE-XNP-09776] c09 N69-39929 Controlled caging and uncaging mechanism for	Catalyst bed element removing tool [NASA-CASE-XPR-00811] c15 N70-36901 REPEATERS Time division relay synchronizer with master sync pulse for activating binary counter to produce signal identifying time slot for station [NASA-CASE-GSC-10373-1] c07 N71-19773 REPLACING Indexing mechanism for cathode array substitution in electron beam tube [NASA-CASE-NPO-10625] c09 N71-26182 RESCOR OPERATIONS Backpack carrier with retractable legs suitable for lunar exploration and convertible to rescue vehicle
[NASA-CASE-XLE-00586] c15 N71-15968 Redundant hydraulic control system for actuators with three main valve combination [NASA-CASE-BFS-20944] c15 N73-13466 REHOTE COBTROL Oscillatory electromagnetic mirror drive system for horizon scanners [NASA-CASE-XLA-03724] c14 N69-27461 Stage separation using remote control release of joint with explosive insert [NASA-CASE-XLA-02854] c15 N69-27490 Power controlled bimetallic electromechanical actuator for accurate, timely, and reliable response to remote control signal [NASA-CASE-XNP-09776] c09 N69-39929 Controlled caging and uncaging mechanism for remote instrument control	REHOVAL Catalyst bed element removing tool [NASA-CASE-YPR-00811] c15 N70-36901 REPEATERS Time division relay synchronizer with master sync pulse for activating binary counter to produce signal identifying time slot for station [NASA-CASE-GSC-10373-1] c07 N71-19773 REPLACING Indexing mechanism for cathode array substitution in electron beam tube [NASA-CASE-NPO-10625] c09 N71-26182 RESCUE OPERATIONS Backpack carrier with retractable legs switable for lunar exploration and convertible to rescue vehicle [NASA-CASE-LAB-10056] c05 N71-12351
[NASA-CASE-XLE-00586] c15 N71-15968 Redundant hydraclic control system for actuators with three main valve combination [NASA-CASE-BFS-20944] c15 N73-13466 REHOTE COBTROL Oscillatory electromagnetic mirror drive system for horizon scanners [NASA-CASE-XLA-03724] c14 N69-27461 Stage separation using remote control release of joint with explosive insert [NASA-CASE-XLA-02854] c15 N69-27490 Power controlled bimetallic electromechanical actuator for accurate, timely, and reliable response to remote control signal [NASA-CASE-XNP-09776] c09 N69-39929 Controlled caging and uncaging mechanism for remote instrument control [NASA-CASE-GSC-11063-1] c03 N70-35584	REHOVAL Catalyst bed element removing tool [NASA-CASE-XPR-00811] c15 N70-36901 REPEATERS Time division relay synchronizer with master sync pulse for activating binary counter to produce signal identifying time slot for station [NASA-CASE-GSC-10373-1] c07 N71-19773 REPLACING Indexing mechanism for cathode array substitution in electron beam tube [NASA-CASE-NPO-10625] c09 N71-26182 RESCUE OPERATIONS Backpack carrier with retractable legs suitable for lunar exploration and convertible to rescue vehicle [NASA-CASE-LAB-10056] c05 N71-12351 Development and characteristics of rescue litter
[NASA-CASE-XLE-00586] c15 N71-15968 Redundant hydraulic control system for actuators with three main valve combination [NASA-CASE-BFS-20944] c15 N73-13466 REHOTE COBTROL Oscillatory electromagnetic mirror drive system for horizon scanners [NASA-CASE-XLA-03724] c14 N69-27461 Stage separation using remote control release of joint with explosive insert [NASA-CASE-XLA-02854] c15 N69-27490 Power controlled bimetallic electromechanical actuator for accurate, timely, and reliable response to remote control signal [NASA-CASE-XNP-09776] c09 N69-39929 Controlled caging and uncaging mechanism for remote instrument control [NASA-CASE-GSC-11063-1] c03 N70-35584 Two component valve assembly for cryogenic	Catalyst bed element removing tool [NASA-CASE-XPR-00811] c15 N70-36901 REPEATERS Time division relay synchronizer with master sync pulse for activating binary counter to produce signal identifying time slot for station [NASA-CASE-GSC-10373-1] c07 N71-19773 REPLACING Indexing mechanism for cathode array substitution in electron beam tube [NASA-CASE-NPO-10625] c09 N71-26182 RESCOR OPERATIONS Backpack carrier with retractable legs suitable for lunar exploration and convertible to rescue vehicle [NASA-CASE-LAH-10056] c05 N71-12351 Development and characteristics of rescue litter with inflatable flotation device for vater
[NASA-CASE-XLE-00586] c15 N71-15968 Redundant hydraclic control system for actuators with three main valve combination [NASA-CASE-BFS-20944] c15 N73-13466 REHOTE COBTROL Oscillatory electromagnetic mirror drive system for horizon scanners [NASA-CASE-XLA-03724] c14 N69-27461 Stage separation using remote control release of joint with explosive insert [NASA-CASE-XLA-02854] c15 N69-27490 Power controlled bimetallic electromechanical actuator for accurate, timely, and reliable response to remote control signal [NASA-CASE-XNP-09776] c09 N69-39929 Controlled caging and uncaging mechanism for remote instrument control [NASA-CASE-GSC-11063-1] c03 N70-35584	Catalyst bed element removing tool [NASA-CASE-XPR-00811] c15 N70-36901 REPEATERS Time division relay synchronizer with master sync pulse for activating binary counter to produce signal identifying time slot for station [NASA-CASE-GSC-10373-1] c07 N71-19773 REPLACING Indexing mechanism for cathode array substitution in electron beam tube [NASA-CASE-NPO-10625] c09 N71-26182 RESCOR OPERATIONS Backpack carrier with retractable legs suitable for lunar exploration and convertible to rescue vehicle [NASA-CASE-LAM-10056] c05 N71-12351 Development and characteristics of rescue litter with inflatable flotation device for water rescue application
[NASA-CASE-XLE-00586] c15 N71-15968 Redundant hydraulic control system for actuators with three main valve combination [NASA-CASE-BPS-20944] c15 N73-13466 REHOTE COBTROL Oscillatory electromagnetic mirror drive system for horizon scanners [NASA-CASE-XLA-03724] c14 N69-27461 Stage separation using remote control release of joint with explosive insert [NASA-CASE-XLA-02854] c15 N69-27490 Power controlled bimetallic electromechanical actuator for accurate, timely, and reliable response to remote control signal [NASA-CASE-XNP-09776] c09 N69-39929 Controlled caging and uncaging mechanism for remote instrument control [NASA-CASE-SC-11063-1] c03 N70-35584 Two component valve assembly for cryogenic liquid transfer regulation [NASA-CASE-XLE-00397] c15 N70-36492 Repotely actuated quick disconnect mechanism for	REHOVAL Catalyst bed element removing tool [NASA-CASE-XPR-00811] c15 N70-36901 REPEATERS Time division relay synchronizer with master sync pulse for activating binary counter to produce signal identifying time slot for station [NASA-CASE-GSC-10373-1] c07 N71-19773 REPLACING Indexing mechanism for cathode array substitution in electron beam tube [NASA-CASE-NPO-10625] c09 N71-26182 RESCUE OPERATIONS Backpack Carrier with retractable legs switable for lunar exploration and convertible to rescue vehicle [NASA-CASE-LAR-10056] c05 N71-12351 Development and characteristics of rescue litter with inflatable flotation device for water rescue application [NASA-CASE-XHS-04170] c05 N71-22748 RESERRCH ADD DEVELOPMENT
[NASA-CASE-XLE-00586] c15 N71-15968 Redundant hydraulic control system for actuators with three main valve combination [NASA-CASE-BFS-20944] c15 N73-13466 REHOTE CODTROL Oscillatory electromagnetic mirror drive system for horizon scanners [NASA-CASE-XLA-03724] c14 N69-27461 Stage separation using remote control release of joint with explosive insert [NASA-CASE-XLA-02854] c15 N69-27490 Power controlled bimetallic electromechanical actuator for accurate, timely, and reliable response to remote control signal [NASA-CASE-XNP-09776] c09 N69-39929 Controlled caging and uncaging mechanism for remote instrument control [NASA-CASE-XNP-09776] c03 N70-35584 Two component valve assembly for cryogenic liquid transfer regulation [NASA-CASE-XLE-00397] c15 N70-36492 Renotely actuated quick disconnect mechanism for umbilical cables	Catalyst bed element removing tool [NASA-CASE-XPR-00811] c15 N70-36901 REPEATERS Time division relay synchronizer with master sync pulse for activating binary counter to produce signal identifying time slot for station [NASA-CASE-GSC-10373-1] c07 N71-19773 REPLACING Indexing mechanism for cathode array substitution in electron beam tube [NASA-CASE-NPO-10625] c09 N71-26182 RESCUE OPERATIONS Backpack carrier with retractable legs switable for lunar exploration and convertible to rescue vehicle [NASA-CASE-LAE-10056] c05 N71-12351 Development and characteristics of rescue litter with inflatable flotation device for water rescue application [NASA-CASE-XES-C4170] c05 N71-22748 RESERRECH ADD DEVELOPHENT Process for developing filament reinforced
[NASA-CASE-XLE-00586] c15 N71-15968 Redundant hydraulic control system for actuators with three main valve combination [NASA-CASE-HFS-20944] c15 N73-13466 REHOTE COBTROL Oscillatory electromagnetic mirror drive system for horizon scanners [NASA-CASE-XLA-03724] c14 N69-27461 Stage separation using remote control release of joint with explosive insert [NASA-CASE-XLA-02854] c15 N69-27490 Power controlled bimetallic electromechanical actuator for accurate, timely, and reliable response to remote control signal [NASA-CASE-XNP-09776] c09 N69-39929 Controlled caging and uncaging mechanism for remote instrument control [NASA-CASE-XNP-09776] c03 N70-35584 Two component valve assembly for cryogenic liquid transfer regulation [NASA-CASE-XLE-00397] c15 N70-36492 Remotely actuated quick disconnect mechanism for umbilical cables [NASA-CASE-XLE-00711] c03 N71-12258	Catalyst bed element removing tool [NASA-CASE-XPR-00811] c15 N70-36901 REPEATERS Time division relay synchronizer with master sync pulse for activating binary counter to produce signal identifying time slot for station [NASA-CASE-GSC-10373-1] c07 N71-19773 REPLACING Indexing mechanism for cathode array substitution in electron beam tube [NASA-CASE-NPO-10625] c09 N71-26182 RESCOR OPERATIONS Backpack carrier with retractable legs suitable for lunar exploration and convertible to rescue vehicle [NASA-CASE-LAH-10056] c05 H71-12351 Development and characteristics of rescue litter with inflatable flotation device for water rescue application [NASA-CASE-XES-04170] c05 N71-22748 BESEARCH AND DEVELOPMENT Process for developing filament reinforced plastic tubes used in research and development
[NASA-CASE-XLE-00586] c15 N71-15968 Redundant hydraclic control system for actuators with three main valve combination [NASA-CASE-BFS-20944] c15 N73-13466 REHOTE COBTROL Oscillatory electromagnetic mirror drive system for horizon scanners [NASA-CASE-XLA-03724] c14 N69-27461 Stage separation using remote control release of joint with explosive insert [NASA-CASE-XLA-02854] c15 N69-27490 Power controlled bimetallic electromechanical actuator for accurate, timely, and reliable response to remote control signal [NASA-CASE-XNP-09776] c09 N69-39929 Controlled caging and uncaging mechanism for remote instrument control [NASA-CASE-GSC-11063-1] c03 N70-35584 Two component valve assembly for cryogenic liquid transfer regulation [NASA-CASE-XLE-00397] c15 N70-36492 Remotely actuated quick disconnect mechanism for umbilical cables [NASA-CASE-XLA-00711] c03 N71-12258 Remotely actuated quick disconnect for tubular	Catalyst bed element removing tool [NASA-CASE-XPR-00811]
[NASA-CASE-XLE-00586] c15 N71-15968 Redundant hydraulic control system for actuators with three main valve combination [NASA-CASE-BPS-20944] c15 N73-13466 REHOTE COBTROL Oscillatory electromagnetic mirror drive system for horizon scanners [NASA-CASE-XLA-03724] c14 N69-27461 Stage separation using remote control release of joint with explosive insert [NASA-CASE-XLA-02854] c15 N69-27490 Power controlled bimetallic electromechanical actuator for accurate, timely, and reliable response to remote control signal [NASA-CASE-XNP-09776] c09 N69-39929 Controlled caging and uncaging mechanism for remote instrument control [NASA-CASE-SUB-0037] c03 N70-35584 Two component valve assembly for cryogenic liquid transfer regulation [NASA-CASE-XLE-00397] c15 N70-36492 Remotely actuated quick disconnect mechanism for umbilical cables [NASA-CASE-XLE-00711] Renotely actuated for tubular unbilical conduits used to transfer fluids	Catalyst bed element removing tool [NASA-CASE-XPR-00811] c15 N70-36901 REPEATERS Time division relay synchronizer with master sync pulse for activating binary counter to produce signal identifying time slot for station [NASA-CASE-GSC-10373-1] c07 N71-19773 REPLACING Indexing mechanism for cathode array substitution in electron beam tube [NASA-CASE-NPO-10625] c09 N71-26182 RESCOR OPERATIONS Backpack carrier with retractable legs suitable for lunar exploration and convertible to rescue vehicle [NASA-CASE-LAH-10056] c05 N71-12351 Development and characteristics of rescue litter with inflatable flotation device for water rescue application [NASA-CASE-XHS-04170] c05 N71-22748 BESENRCH AND DEFELOPHENT Process for developing filament reinforced plastic tubes used in research and development programs [NASA-CASE-LAR-10203-1] c15 N72-16330
[NASA-CASE-XLE-00586] c15 N71-15968 Redundant hydraulic control system for actuators with three main valve combination [NASA-CASE-BFS-20944] c15 N73-13466 REHOTE COBTROL Oscillatory electromagnetic mirror drive system for horizon scanners [NASA-CASE-YLA-03724] c14 N69-27461 Stage separation using remote control release of joint with explosive insert [NASA-CASE-XLA-02854] c15 N69-27490 Power controlled bimetallic electromechanical actuator for accurate, timely, and reliable response to remote control signal [NASA-CASE-XNP-09776] c09 N69-39929 Controlled caging and uncaging mechanism for remote instrument control [NASA-CASE-XNP-09776] c03 N70-35584 Two component valve assembly for cryogenic liquid transfer regulation [NASA-CASE-XLE-00397] c15 N70-36492 Remotely actuated quick disconnect mechanism for umbilical cables [NASA-CASE-XLE-00711] Remotely actuated quick disconnect for tubular unbilical conduits used to transfer fluids from ground to rocket vehicle [NASA-CASE-XLA-01396] c03 N71-12259	Catalyst bed element removing tool [NASA-CASE-XPR-00811]
[MASA-CASE-XLE-00586] c15 N71-15968 Redundant hydraclic control system for actuators with three main valve combination [NASA-CASE-BPS-20944] c15 N73-13466 REHOTE COBTROL Oscillatory electromagnetic mirror drive system for horizon scanners [NASA-CASE-XLA-03724] c14 M69-27461 Stage separation using remote control release of joint with explosive insert [NASA-CASE-XLA-02854] c15 M69-27490 Power controlled bimetallic electromechanical actuator for accurate, timely, and reliable response to remote control signal [NASA-CASE-XNP-09776] c09 M69-39929 Controlled caging and uncaging mechanism for remote instrument control [NASA-CASE-SUB-00977] c03 N70-35584 Two component valve assembly for cryogenic liquid transfer regulation [NASA-CASE-XLE-00397] c15 N70-36492 Remotely actuated quick disconnect mechanism for umbilical cables [BASA-CASE-XLE-00711] c03 N71-12258 Remotely actuated quick disconnect for tubular unbilical conduits used to transfer fluids from ground to rocket vehicle [NASA-CASE-XLA-01396] c03 N71-12259 Renote control device operated by movement of	Catalyst bed element removing tool [NASA-CASE-XPR-00811] c15 N70-36901 REPEATERS Time division relay synchronizer with master sync pulse for activating binary counter to produce signal identifying time slot for station [NASA-CASE-GSC-10373-1] c07 N71-19773 REPLACING Indexing mechanism for cathode array substitution in electron beam tube [NASA-CASE-NPO-10625] c09 N71-26182 RESCUE OPERATIONS Backpack carrier with retractable legs suitable for lunar exploration and convertible to rescue vehicle [NASA-CASE-LAME-10056] c05 N71-12351 Development and characteristics of rescue litter with inflatable flotation device for water rescue application [NASA-CASE-LAME-04170] c05 N71-22748 BESEARCH AND DEVELOPMENT Process for developing filament reinforced plastic tubes used in research and development programs [NASA-CASE-LAME-10203-1] c15 N72-16330 BESEARCH TENICLES Lunar landing flight research vehicle [NASA-CASE-XFR-00929] c31 N70-34966
[NASA-CASE-XLE-00586] c15 N71-15968 Redundant hydraulic control system for actuators with three main valve combination [NASA-CASE-BFS-20944] c15 N73-13466 REHOTE COBTROL Oscillatory electromagnetic mirror drive system for horizon scanners [NASA-CASE-XLA-03724] c14 N69-27461 Stage separation using remote control release of joint with explosive insert [NASA-CASE-XLA-02854] c15 N69-27490 Power controlled bimetallic electromechanical actuator for accurate, timely, and reliable response to remote control signal [NASA-CASE-XNP-09776] c09 N69-39929 Controlled caging and uncaging mechanism for remote instrument control [NASA-CASE-XNP-09776] c03 N70-35584 Two component valve assembly for cryogenic liquid transfer regulation [NASA-CASE-XLE-00397] c15 N70-36492 Renotely actuated quick disconnect mechanism for umbilical cables [BASA-CASE-XLE-00711] Renotely actuated quick disconnect for tubular unbilical conduits used to transfer fluids from ground to rocket vehicle [NASA-CASE-XLA-01396] Renote control device operated by movement of finger tips for manual control of spacecraft	Catalyst bed element removing tool [NASA-CASE-XPR-00811] c15 N70-36901 RBPEATERS Time division relay synchronizer with master sync pulse for activating binary counter to produce signal identifying time slot for station [NASA-CASE-GSC-10373-1] c07 N71-19773 REPLACING Indexing mechanism for cathode array substitution in electron beam tube [NASA-CASE-NPO-10625] c09 N71-26182 RESCOR OPERATIONS Backpack carrier with retractable legs suitable for lunar exploration and convertible to rescue vehicle [NASA-CASE-LAR-10056] c05 N71-12351 Development and characteristics of rescue litter with inflatable flotation device for water rescue application [NASA-CASE-KHS-04170] c05 N71-22748 BRSENRCH AND DEVELOPHENT Process for developing filament reinforced plastic tubes used in research and development programs [NASA-CASE-LAR-10203-1] c15 N72-16330 BESEARCE TEBICLES Lunar landing flight research vehicle [NASA-CASE-XFR-00929] c31 N70-34966 Velocity limiting safety system for motor driven
[MASA-CASE-XLE-00586] c15 N71-15968 Redundant hydraulic control system for actuators with three main valve combination [NASA-CASE-BFS-20944] c15 N73-13466 REHOTE COBTROL Oscillatory electromagnetic mirror drive system for horizon scanners [NASA-CASE-XLA-03724] c14 N69-27461 Stage separation using remote control release of joint with explosive insert [NASA-CASE-XLA-02854] c15 N69-27490 Power controlled bimetallic electromechanical actuator for accurate, timely, and reliable response to remote control signal [NASA-CASE-XNP-09776] c09 N69-39929 Controlled caging and uncaging mechanism for remote instrument control [NASA-CASE-XNP-09776] c03 N70-35584 Two component valve assembly for cryogenic liquid transfer regulation [NASA-CASE-XLE-00397] c15 N70-36492 Renotely actuated quick disconnect mechanism for umbilical cables [NASA-CASE-XLA-00711] Renotely actuated quick disconnect for tubular unbilical conduits used to transfer fluids from ground to rocket vehicle [NASA-CASE-XLA-01396] c03 N71-12259 Renote control device operated by morement of finger tips for manual control of spacecraft attitude	Catalyst bed element removing tool [NASA-CASE-XPR-00811] c15 N70-36901 RBPEATERS Time division relay synchronizer with master sync pulse for activating binary counter to produce signal identifying time slot for station [NASA-CASE-GSC-10373-1] c07 N71-19773 RBPLACING Indexing mechanism for cathode array substitution in electron beam tube [NASA-CASE-NPO-10625] c09 N71-26182 RBSCOR OPERATIONS Backpack carrier with retractable legs suitable for lunar exploration and convertible to rescue vehicle [NASA-CASE-LAE-10056] c05 N71-12351 Development and characteristics of rescue litter with inflatable flotation device for water rescue application [NASA-CASE-XHS-04170] c05 N71-22748 RBSENRCH ADD DEVELOPHENT Process for developing filament reinforced plastic tubes used in research and development programs [NASA-CASE-LAE-10203-1] c15 N72-16330 RESERRCE VEBICLES Lunar landing flight research vehicle [NASA-CASE-XFR-00929] c31 N70-34966 Telocity limiting safety system for notor driven research vehicle
[MASA-CASE-XLE-00586] Redundant hydraclic control system for actuators with three main valve combination [NASA-CASE-BFS-20944] Oscillatory electromagnetic mirror drive system for horizon scanners [NASA-CASE-KLA-03724] Stage separation using remote control release of joint with explosive insert [NASA-CASE-XLA-02854] Power controlled bimetallic electromechanical actuator for accurate, timely, and reliable response to remote control signal [NASA-CASE-XNP-09776] Controlled caging and uncaging mechanism for remote instrument control [NASA-CASE-SC-11063-1] Two component valve assembly for cryogenic liquid transfer regulation [NASA-CASE-XLE-00397] Renotely actuated quick disconnect mechanism for umbilical cables [NASA-CASE-XLE-00711] Renotely actuated quick disconnect for tubular unbilical conduits used to transfer fluids from ground to rocket vehicle [NASA-CASE-XLE-01396] Renote control device operated by movement of finger tips for manual control of spacecraft attitude [NASA-CASE-XAC-02405] COS N71-16089	Catalyst bed element removing tool [NASA-CASE-XPR-00811]
[NASA-CASE-XLE-00586] Redundant hydraulic control system for actuators with three main valve combination [NASA-CASE-HFS-20944] OSCILLATORY electromagnetic mirror drive system for horizon scanners [NASA-CASE-XLA-03724] Stage separation using remote control release of joint with explosive insert [NASA-CASE-XLA-02854] Power controlled bimetallic electromechanical actuator for accurate, timely, and reliable response to remote control signal [NASA-CASE-XNP-09776] Controlled caging and uncaging mechanism for remote instrument control [NASA-CASE-XNP-09776] Two component valve assembly for cryogenic liquid transfer regulation [NASA-CASE-XLE-00397] Renotely actuated quick disconnect mechanism for umbilical cables [BASA-CASE-XLE-00711] Renotely actuated quick disconnect for tubular unbilical conduits used to transfer fluids from ground to rocket vehicle [NASA-CASE-XLA-01396] Renote control device operated by movement of finger tips for annual control of spacecraft attitude [NASA-CASE-XAC-02405] Satellite radio conmunication system with renote steerable antenna	Catalyst bed element removing tool [NASA-CASE-XPR-00811] c15 N70-36901 RBPEATERS Time division relay synchronizer with master sync pulse for activating binary counter to produce signal identifying time slot for station [NASA-CASE-GSC-10373-1] c07 N71-19773 REPLACING Indexing mechanism for cathode array substitution in electron beam tube [NASA-CASE-NPO-10625] c09 N71-26182 RESCOR OPERATIONS Backpack carrier with retractable legs suitable for lunar exploration and convertible to rescue vehicle [NASA-CASE-LAR-10056] c05 N71-12351 Development and characteristics of rescue litter with inflatable flotation device for water rescue application [NASA-CASE-LAR-004170] c05 N71-22748 BRSENRCH AND DEVELOPHENT Process for developing filament reinforced plastic tubes used in research and development programs [NASA-CASE-LAR-10203-1] c15 N72-16330 BESENRCE TEBICLES Lunar landing flight research vehicle [NASA-CASE-XFR-00929] c31 NF0-34966 Velocity limiting safety system for motor driven research vehicle [NASA-CASE-XLA-07473] c15 N71-24895 BESIDUAL STRESS
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07077777163	RESPIROMETERS
RESILIENCE Automated ball rebound resilience test equipment	Metabolic analyzer for measuring metabolic rate and breathing dynamics of human beings
for determining viscoelastic properties or	[NASA-CASE-MFS-21415-1] c05 N74-20728
polymers [NASA-CASE-XLA-08254]	PRSPONSES
THE THE DOND THE	System for monitoring condition responsive devices by using frequency division multiplex
Procedure for bonding polytetrafluoroethylene thermal protective sleeves to magnesium alloy	technique
conical shell components with different	[NASA-CASE-KSC-10521] c07 N73-20176
thermal coefficients	RESTARTABLE ROCKET ENGINES Collapsible auxiliary tank for restarting liquid
[NASA-CASE-XLA-01262] c15 N71-21404 Silicon solar cell with plastic film binding to	propellant rocket motors under zero gravity
cover dlass	rwasa-case-ynp-01390]
[NASA-CASE-LEW-11065-2] c03 N73-26048	Regenerative cooling system for small rocket engine having restart capability and using
Modification of polyurethanes with alkyl halide	noncryogenic hypergolic propellants
moving inorganic salts, and encapsulated	[NASA-CASE-XLE-00685] C28 N70-41992
volatile and reactive halogen for fuel file	RESUSCITATION Pulmonary resuscitation method and apparatus
control [NASA-CASE-ARC-10098-1] c06 N71-24739	with adjustable pressure regulator
negationment of process for bonding resinous body	[NASA-CASE-XMS-01115] COS N70-39922 RETARDING
in cavities of honeycomb structures	Ablative resins used for retarding regression in
[NASA-CASE-MSC-12357] c15 N73-12489 Resin for protecting p-n semiconductor junction	ablative material
surface	[NASA-CASE-XLE-05913] C33 N/1-14032 RETICLES
[NASA-CASE-ERC-10339-1] c18 N73-30532	Optical tracker with pair of FM reticles having
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resistant-stress resistant biopotential	[NASA-CASE-NGS-05715] C23 N71-16100 Method for producing reticles for use in outer
electrode [NASA-CASE-MSC-90153-2] c05 N72-25120	space
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[NASA-CASE-KSC-10723-1] c15 N73-23553 RESISTANCE HEATING	regions
High resistance cross flow heat exchangers for	[NASA-CASE-GSC-11188-1] c14 N73-32320
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[NASA-CASE-XLE-01783] C28 N70-34175 RESISTORS	RETRACTABLE EQUIPMENT
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[NASA-CASE-NPO-13081-1] CO7 N73-23106	Support for flexible conductor cable between
RESOLUTION Conversion system for increasing resolution of	drawers or racks holding electronic equipment
analog to digital converters	and cabinet assembly housing drawers or racks [NASA-CASE-IMF-07587] c15 N71-18701
[NASA-CASE-XAC-00404] c08 N70-40125 Cylindrical reflector for resolving wide angle	PRTROPIRTNG
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spectroscopic analysis	control [NASA-CASE-INS-12158-1] C31 N69-27499
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vibrating element electrometer producing high	altitude sensor for actuating deceleration retrorockets
conversion gain by input current control of elements resonant frequency displacement	[NASA-CASE-XMS-03792] c14 N70-41812
amplitude	RETROREFLECTION Servo system for retroreflector of Michelson
[NASA-CASE-XAC-02807]	interferometer
Quantitative liquid measurements in container by resonant frequencies	[NASA-CASE-NPO-10300] C14 N71-17662
rnasa-case-xnp-02500] c18 n71-27397	RETROROCKET ENGINES Steerable solid propellant rocket motor adapted
Development of electrical circuit for suppressing oscillations across inductor	to effect payload orientation as multistage
operating in resonant mode	rocket stage or reduce velocity as retrorocket
[NASA-CASE-ERC-10403-1] c10 N73-26228	[NASA-CASE-XNP-00234] C28 N70-38645 REUSABLE SPACECRAPT
RESCNATORS Selective bandpass resonators using bandstop	Recoverable, reusable single stage booster
resonator pairs for microwave frequency	capable of injecting large payloads into
operation according	circular earth orbit [NASA-CASE-XMF-01973] c31 M70-41588
[NASA-CASE-GSC-10990-1] GU9 N/3-26195 RESPIRATION	Design and configuration of aerospace vehicle
Respiration analyzing method and apparatus for	for performing earth orbit mission and returning to preselected landing site
determining subjects oxygen consumption in	[NASA-CASE-MPS-21527] C3 N/2-13/0
aerospace environments [NASA-CASE-XFR-08403]	spacecraft configurations and derodynamic
RESPIRATORS	characteristics of space shuttle systems with two reusable stages
Transducer for monitoring oxygen flow in respirator	[NASA-CASE-MSC-12433] c31 N73-14854
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studies	Multistage multiple reentry axial flow reaction turbine with reverse flow reentry ducting
[NASA-CASE-FRC-10022] c12 N71-26546 Respiratory analysis system to determine gas	FNASA-CASE-XLE-00170] C15 N70-35412
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c28 N71-23293

REYNOLDS HUHBER	Liner for hybrid solid propellants to bind
Wind tunnel test section for simulating high	propellant to rocket motor case
Reynolds number over transonic speed range	[NASA-CASE-XNP-09744] c27 N71-163
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RIBBONS	construction for use in spacecraft propulsion
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regeneratively cooled combustion chamber	[NASA-CASE-XNP-06942] c28 N71-232
[NASA-CASE-ILE-00164] c15 N70-36411	ROCKET ENGINE DESIGN
Tot bending metal libbon of dile	High thrust annular liquid propellant rocket
[NASA-CASE-XLA-05966] c15 N72-12408	engine and exhaust nozzle design
Controlled diffusion reaction process for	[NASA-CASE-XLE-00078]
masking substrate of twisted multifilament	Spherical solid propellant rocket engine design
superconductive ribbon [NASA-CASE-LEW-11726-1] c26 N73-26752	[NASA-CASE-XLA-00105]
[NASA-CASE-LEW-11726-1] c26 N73-26752 HIBOPLAVIN	Spherical solid propellant rocket engine having
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cutting members, and guide member mounted in	having high heat absorption capability
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Electron microscope and method of making annular	Automatic shunting of ion thrustor magnetic
objective aperture	field when thrustor is not operating [NASA-CASE-LEW-10835-1] c28 N72-227
[NASA-CASE-ARC-10448-1] C14 N72-21421	[NASA-CASE-LEW-10835-1] c28 N72-227 Vacuum chamber with scale model of rocket engine
RING BINGS	base area of space vehicle
Design of ring wing vehicle of high	[NASA-CASE-MPS-20620] c11 N72-2720
drag-to-weight ratio to withstand reentry	Transpiration-cooled rocket chamber formed of
stress into low density atmosphere	porous metal wall
[NASA-CASE-XLA-04901] c31 N71-24315	[NASA-CASE-LEH-11118-1] c15 N72-325
RIPPLES	Thermocouple apparatus for measuring wall
Circuit for monitoring power supply by ripple	temperatures in regeneratively cooled rocket
current indication	engines having thin walled cooling passages
[NASA-CASE-KSC-10162] c09 N72-11225	[NASA-CASE-XLE-05230-2] c14 N73-134
RIVETS	Improving preformance of magnetoplasmadynamic
Electrical connection for printed circuits on	ard rocket engine
common board, using bellows principle in rivet	[NASA-CASE-LEH-11180-1] c25 h73-257
[NASA-CASE-XNP-05082] c15 N70-41960	ROCKET EXHAUST
ROCKET REGINE CASES Hethod for shaping regeneratively cooled rocket	Thrust vector control by secondary injection of
motor casing having minimum thickness at each	fluid into rocket nozzle flow field to
	Constate ethanel floor
· channel CEOSS Section	Separate exhaust flow
channel cross section [Nasa-Case-XLE-00409]	[NASA-CASE-XLE-00208] c28 N70-3429
[NASA-CASE-XLE-00409] c28 n71-15658	[NASA-CASE-XLE-00208] c28 N70-3429 Development of vortex fluid amplifier for
[NASA-CASE-XLE-00409] c28 N71-15658 Regeneratively cooled rocket motor casing with	[NASA-CASE-XLE-00208] c28 N70-3429 Development of vortex fluid amplifier for throttling rocket exhaust
[NASA-CASE-XLE-00409] c28 n71-15658	[NASA-CASE-XLE-00208] c28 N70-342: Development of vortex fluid amplifier for throttling rocket exhaust [NASA-CASE-LEB-10374-1] c28 N73-137:
[NASA-CASE-XLE-00409] c28 N71-15658 Regeneratively cooled rocket motor casing with tapered channels to insure minimum thicknesses at each channel cross section for necessary strength requirements	[NASA-CASE-XLE-00208] c28 N70-3429 Development of vortex fluid amplifier for throttling rocket exhaust [NASA-CASE-LEB-10374-1] c28 N73-137 ROCKET FIRING
[NASA-CASE-XLE-00409] c28 N71-15658 Regeneratively cooled rocket motor casing with tapered channels to insure minimum thicknesses at each channel cross section for necessary strength requirements [NASA-CASE-XLE-05689] c28 N71-15659	[NASA-CASE-XLE-00208] c28 N70-3429 Development of vortex fluid amplifier for throttling rocket exhaust [NASA-CASE-LEB-10374-1] c28 N73-1379 ROCKET PIRING Design and characteristics of linkage to
[NASA-CASE-XLE-00409] c28 N71-15658 Regeneratively cooled rocket motor casing with tapered channels to insure minimum thicknesses at each channel cross section for necessary strength requirements	[NASA-CASE-XLE-00208] c28 N70-3429 Development of vortex fluid amplifier for throttling rocket exhaust [NASA-CASE-LEB-10374-1] c28 N73-137 ROCKET FIRING

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ppellant rocket
                                 esign
                                        c28 N70-33284
                                 cket engine design
                                        c28 N70-33331
                                 cket engine h<mark>avin</mark>g
                                        c28 N70-35381
                                        c28 N70-37980
                                 performance with
                                 e development
                                        c28 N71-24321
                                 engine with
                                 e and electron baffle
c20 N73-24783
                                        c28 N74-13502
                                 on for rocket
                                 rations
                                        C28 N70-34860
                                 ollow body for
                                        c28 N70-35422
                                 cting hypergolic
                                 chamber of small
                                        c15 N70-36535
                                 ocket motor mounting
c15 N70-36947
                                 ne with self-
                                 nel mixing regulator
c28 N71-14044
pellant rocket
                                 ic fluids
                                        c27 N71-15634
                                 ts in rocket engines
c12 N71-17631
                                 erformance with
                                  development
                                       c28 N71-24321
                                 ing spacecraft
                                 portable air locks
c28 N71-27095
                                  engines
                                        c28 N71~28849
                                 ling high
                                 h cooling medium
                                 capability
c33 N71-29053
                                 stor magnetic
                                 perating
c28 N72-22771
                                 el of rocket engine
                                 c11 N72-27262
mamber formed of
                                        c15 N72-32501
                                 suring wall
ly cooled rocket
                                 cooling passages
                                        c14 N73-13417
                                 toplasmadynamic
                                        c25 N73-25760
                                 dary injection of
                                 u fiela to
                                        c28 N70-34294
                                 plifier for
                                        c28 N73-13773
                                 linkage to
                                 ergence during
[NASA-CASE-XLA-00256]
                                        c31 N71-15663
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	[NASA-CASE-NPO-11559] c28 N73-24784
Development of technique for control of free	ROCKET VEHICLES
flight rocket vehicles	Umbilical separator for rockets
[NASA-CASE-XLA-00937] C31 N71-17691	[NASA-CASE-XNP-00425] c11 N70-38202
ROCKET LAUNCHING	Hydraulic support equipment for full scale dynamic testing of large rocket vehicle under
Design and characteristics of linkage to	free flight conditions
alleviate rocket vehicle divergence during launch	[NASA-CASE-XMF-01772] c11 N70-41577
[NASA-CASE-XLA-00256] c31 N71-15663	Design and characteristics of linkage to
Controlled release device for use in launching	alleviate rocket wehicle divergence during
rockets or missiles	launch FNASA-CASE-ILA-00256
[NASA-CASE-XKS-03338] c15 N71-24043	[NASA-CASE-ILA-00256] C31 N73-15663 Development of technique for control of free
Gimbaled partially submerged nozzle for solid	flight rocket vehicles
propellant rocket engines for providing	[NAŠA-CASE-XLA-00937] c31 N71-17691
directional control	ROCKET-BORNE INSTRUMENTS
rnasa-case-xmr-015441	Rocket-borne aspect sensor consisting of radiation sensor, apertured disk, commutator,
Large area-ratio nozzles for rocket motor thrust	and counting circuits
chambers [NASA-CASE-XLE-00145]	[NASA-CASE-XGS-08266] c14 N69-27432
Flexible rocket motor nozzle closure device to	ROCKETS
aid ignition and protect rocket chamber from	Device for detecting hydrogen fires onboard high
foreign objects	altitude rockets [NASA-CASE-MFS-13130] c10 N72-17173
[NASA-CASE-XLA-02651] c28 N70-41967	[NASA-CASE-MFS-13130] c10 N72-17173
Automatically deploying nozzle exit cone extension [NASA-CASE-XLE-01640] c31 N71-15637	Rotary impact-type rock drill for recovering
Method for testing rocket nozzles at high	rock cuttings
tensile stress levels	[NASA-CASE-XNP-07478] c14 N69-21923
[NASA-CASE-NPO-10311]	ROLL
Development of collapsible nozzle extension for	Measaring roll alignment of test body with respect to reference body
rocket engines rwasa-case-mrs-114971 c28 N71-16224	[NASA-CASE-GSC-10514-1] c14 N72-20379
[NASA-CASE-NFS-11497] c28 N71-16224 Camera protecting device for use in	ROLLER BEARINGS
photographing rocket engine nozzles or other	Solid lubricant applied to porous roller
engine components	bearings prior to use in ultrahigh vacuum
[NASA-CASE-NPO-10174] C14 N71-18465	[NASA-CASE-XLE-09527] c15 N71-17688 Semilinear bearing comprising two rows of roller
Multislot film cooled pyrolytic graphite rocket	bearings separated by spherical bearings and
nozzle [NASA-CASE-XNP-04389]	permitting rotational and translational movemen
Prestressed rocket nozzle with ceramic inner	[NASA-CASE-XLA-02809] c15 N71-22982
rings and refractory metal outer rings	Low mass rolling element bearing assembly
[NASA-CASE-XNP-02888] c18 N71-21068	[NASA-CASE-LEW-11087-1] c15 N73-30458 Method of making rolling element bearings
Improvement in rocket engine performance with swirling flow exhaust nozzlo development	[NASA-CASE-LEW-11087-2] c15 N74-15128
[NASA-CASE-INP-03692] C28 N71-24321	ROLLERS
Development of method for cooling high	Improving load capacity and fatigue life of
temperature wall members with cooling medium	rolling element systems in rockets and missiles
having high heat absorption capability	[NASA-CASE-XLE-02999] c15 N71-16052
[NASA-CASE-HQN-00938] c33 N71-29053	ROLLING CONTACT LOADS Development of rolling element bearing for
Inflatable rocket engine nozzle skirt with transpiration cooling	operation in ultrahigh vacuum environment
[NASA-CASE-MFS-20619] c28 N72-11708	[NASA-CASE-XLB-09527-2] c15 N71-26189
Thin walled nozzle with insulative nonablative	ROLLING MOMENTS
coating for solid propellant rocket engines	Star sensor system for roll attitude control of
[NASA-CASE-NPO-11458] C28 N72-23810 ROCKET OXIDIZERS	spacecraft [MASA-CASE-XNF-01307]
Utilization of inorganic metal-oxidizer	ROOM TEMPERATURE
materials in solid rocket propellants	Process permitting application of synthetic
resulting in increased combustion efficiency	resin coating to irregular-shaped objects at
[NASA-CASE-NPO-11975-1] C27 N73-17802	ambient temperature FNASA-CASE-XNP-065081 c18 N69-3989
BOCKET PROPELLANTS Solenoid two-step valve for bipropellant flow	[NASA-CASE-INP-06508] C18 N69-39893 ROTARY STABILITY
rate control to rocket engine	. Drive mechanism for operating reactance attitude
[NASA-CASE-XMS-04890-1] c15 N70-22192	control system for aerospace bodies
Rocket engine injector orifice to accommodate	[NASA-CASE-XMP-01598] C21 N71-15583
changes in density, velocity, and pressure,	Combination guide and rotary bearing for freely moving shaft
thereby maintaining constant mass flow rate of propellant into rocket combustion chamber	[NASA-CASE-XLA-00013] c15 B71-29136
[NASA-CASE-XLE-03157] C28 N71-24736	Journal bearings
Bipropellant injector with pair of concave	[NASA-CASE-LEW-11076-3] c15 N74-10475
deflector plates	ROTARY WING AIRCRAFT
[NASA-CASE-XNP-09461] c28 N72-23809	Aircraft control system for rotary wing aircraft [NASA-CASE-ERC-10439] c02 N73-1900
ROCKET TEST FACILITIES High-vacuum condenser tank for testing ion	ROTARY WINGS
rocket engines	variable geometry rotor system for direct
[NASA-CASE-XLE-00168] c11 N70-33278	control over wake vortex
Micro-pound extended range thrust stand for	[NASA-CASE-LAR-10557] c02 N72-1101
small rocket engines	ROTATING BODIES
[NASA-CASE-GSC-10710-1] - c28 N71-27094 ROCKET THRUST	Optical scanner mounted on rotating support structure with method of compensating for
Solid propellant rocket vehicle thrust control	image or satellite rotation
method and apparatus	[NASA-CASE-XGS-02401] C14 N69-2748
[NASA-CASE-XNP-00217] c28 N70-38181	Laser device for removing material from rotating
High voltage insulators for direct current in	object for dynamic balancing f NASA-CASE-MF5-112791 c16 N71-2040
acceleration system of electrostatic thrustor [NASA-CASE-XLE-01902] c28 N71-10574	[NASA-CASE-MF5-11279] C16 N71-2040 Development and characteristics of annular
Characteristics of solid propellant rocket	momentum control device for two axis
engine with controlled rate of thrust buildup	stabilization of spacecraft
operating in vacuum environment	[NASA-CASE-LAR-11051-1] C21 N73-2864

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Phase-locked servo system for synchronizing	[NASA-CASE-MFS-21045-1] c14 N74-11288
rotation of two or more rotating systems	Spiral groove seal for rotating shaft
[NASA-CASE-MFS-22073-1] c09 N74-11058 Axially and radially controllable magnetic bearing	[NASA-CASE-XLE-10326-4] c15 N74-15125
LNASA-CASE-GSC-11551-1] c15 N74-18132	Semilinear bearing comprising two rows of roller
ROTATING DISKS	bearings separated by spherical bearings and
Foil seal between parts moving relative to each other	permitting rotational and translational movement
[NASA-CASE-XLE-05130] c15 N69-21362	[NASA-CASE-XLA-02809] c15 N71-22982
Rocket-borne aspect sensor consisting of	Mechanical actuator wherein linear motion changes to rotational motion
radiation sensor, apertured disk, commutator,	[NASA-CASE-XGS-04548] c15 N71-24045
and counting circuits	Positioning mechanism for converting translatory
[NASA-CASE-XGS-08266] c14 N69-27432 BOTATING ELECTRICAL MACHIERS	motion into rotary motion
Modulating and controlling intensity of light	[NASA-CASE-NPO-10679] c15 N72-21462 ROTOR BLADES (TURBOHACHINERY)
beam from high temperature source by	Locking device for retaining turbine rotor
servocontrolled rotating cylinders	blades on turbine wheel
[NASA-CASE-IMS-04300] C09 N71-19479 Design and development of electric motor with	[NASA-CASE-XNP-00816] c28 N71-28928
stationary field and armature windings which	Blade wibration damping pins for turbomachinery [NASA-CASE-XLE-00155] c28 N71-29154
operates on direct current	Transonic propulsion fan for turbofan engine
[NASA-CASE-XGS-05290] c09 N71-25999	with rotor blade spacing designed to minimize
Double-induction variable speed system for Constant-frequency electrical power generation	holse emission
[NASA-CASE-BRC-10065] c09 N71-27364	[NASA-CASE-LEW-11402-1] c28 N72-20770 Apparatus for welding blades to rotors
ROTATING ENVIRONHENTS	[NASA-CASE-LEW-10533-2] c15 N74-11300
Radial module manned space station with	ROTOR SPRED
artificial gravity environment [NASA-CASE-MES-01906] c31 N70-41373	Brushless dc tachometer design with Hall effect
[NASA-CASE-MES-01906] C31 N70-41373 Artificial gravity system for simulating	crystals and output voltage magnitude proportional to rotor speed
self-locomotion capability of astronauts in	[NASA-CASE-MFS-20385] c09 N71-24904
rotating environments	ROTORS
[NASA-CASE-XLA-03127] c11 N71-10776	Multistage, multiple reentry, single rotor,
Rotary plant growth accelerating apparatus for weightlessness simulation	axial flow turbine
[NASA-CASE-ARC-10722-1] C04 N74-13807	[NASA-CASE-XLE-00085] c28 N70-39895 Describing angular position and velocity sensing
NOTATING GENERATORS	apparatus
Rotating raster generator	[NASA-CASE-XGS-05680] c14 N71-17585
[NASA-CASE-FRC-10071-1] CO7 N74-20813	Microwave waveguide switch with rotor position control
Optical retrodirective modulator with focus	[NASA-CASE-XNP-06507]
spoiling reflector driver by modulation signal	Electromagnetic braking arrangement for
[NASA-CASE-GSC-10062] c14 N71-15605	controlling rotor rotation in electric motor
Attitude sensor with scanning mirrors for detecting orientation of space wehicle with	[NASA-CASE-XNP-06936] c15 N71-24695
respect to planet	Rotary wane attenuator with two stators and intermediary rotor, using resistive and
[NASA-CASE-XLA-00793] c21 N71-22880	orthogonally disposed cards
Optical device containing rotatable prism and	[NASA-CASE-NPO-11418-1] c14 N73-13420
reflecting mirror for generating precise angles [NASA-CASE-XGS-04173] c19 N71-26674	Process for welding compressor and turbine
Method and apparatus for optically monitoring	blades to rotors and discs of jet engines [NASA-CASE-LEH-10533-1] c15 N73-28515
the angular position of a rotating mirror	BABBEE
[NASA-CASE-GSC-11353-1] C23 N74-21304	Rubber composition for expulsion bladders and
OTATING SHAFTS Fluid seal formed by flexible disk on rotating	diaphragms for use with hydrazine
shaft to retain lubricating oils around shaft	[NASA-CASE-NPO-11433] c18 N71-31140 RUBBER CONTINGS
[NASA-CASE-XLE-05130-2] c15 N71-19570	Intumescent paint containing nitrile rubber for
Anemometer with braking mechanism to prevent	fire protection
rotation of wind driven elements [NASA-CASE-IMF-05224] c14 N71-23726	[NASA-CASE-ARC-10196-1] c18 N73-13562
[NASI-CASE-IMP-05224] c14 N71-23726 Electromagnetic braking arrangement for	RUBY LASERS
controlling rotor rotation in electric motor	Cooling and radiation protection of ruby lasers using copper sulfate solution in alcohol
[NASA-CASE-XNP-06936] c15 N71-24695	[NASA-CASE-MFS-20180] c16 N72-12440
Liquid-vapor interface seal design for turbine	RONHAY ALIGNHENT
rotating shafts including helical and molecular pumps and liquid cooling of mercury	Magnetic method for detection of aircraft
Agot.	position relative to runway [NASA-CASE-ARC-10179-1] c21 N72-22619
[NASA-CASE-XNP-02862-1] c15 N71-26294	RODHAY LIGHTS
Combination guide and rotary bearing for freely	Retractable runway lights
moving shaft [NASA-CASE-XLA-00013] c15 N71-29136	[NASA-CASE-ILA-00119] c11 N70-33329
Development of Hall effect transducer for	Knife structure for controlling rupture of shock
converting mechanical shaft rotations into	tube diaphragus
proportional electrical signals	(NASA-CAŜE-KĂC-00731) c11 N71-15960
[NASA-CASE-LAR-10620-1] c09 N72-25255 Bearing sectors for controlling self excited	
instability of journal bearing shafts rotating	\$
at high speeds in low viscosity lubricants	SAPETY DEVICES
[NASA-CASE-LEW-11076-2] c15 N73-20533	Helmet and torso tiedown mechanism for
Digital servocontroller for rotating antenna shaft [NASA-CASE-KSC-10769-1] c09 N73-27153	shortening pressure suits upon inflation
Development of Optical system for detecting	[NASA-CASE-YMS-00784] c05 N71-12335 Positive locking check valve for stopping
defective components in rotating machinery	reversed flow
with emphasis on bearing assemblies	[NASA-CASE-XMS-09310] c15 N71-22706
[NASA-CASE-KSC-10752-1] c15 N73-27407 High speed, self-acting shaft seal	Description of protective device for providing
[NASA-CASE-LEH-11274-1] c15 N73-29457	safe operating conditions around work piece in
Ergometer calibrator for any ergometer	machine or metal working tool [NASA-CASE-XLE-01092] c15 N71-22797
utilizing rotating shaft	CIS B/ =22/9/

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Velocity limiting safety system for motor driven	Design and development of satellite despin device [NASA-CASE-IMF-08523] c31 N71-20396
research vehicle	utilization of momentum devices for forming
[NASA-CASE-XLA-07473] c15 N71-24895	attitude control and damping system for
Device for generating and controlling combustion	spacecraft
products for testing of fire detection system	r Na Sa-Case-XLA-02551]
[NASA-CASE-GSC-11095-1] c14 N72-10375 Restraint torso for increased mobility and	Gravity gradient attitude control system with
reduced physiological effects while wearing	gravity gradiometer and reaction wheels for
pressurized suits	artificial satellite attitude control
fwlex_case_msc=12397=11	[NASA-CASE-GSC-10555-1] C21 N71-27324
Shoulder harness and lap belt restraint system	Method and apparatus for providing active
f Na ca = Case = arc = 10519 = 2]	attitude control for spacecraft by converting
Totally confined explosive welding apparatus	any attitude motion of vehicle into simple
to reduce noise level and protect personner	rotational motion FNASA-CASE-HON-104391
during explosive bonding	[NASA-CASE-BQN-10439] C21 N72-21624 Momentum wheel design for spacecraft attitude
[NASA-CASE-LAR-10941-1] C15 N74-21057	control and magnetic drum and head system for
SALT BATHS	data storage
Application techniques for protecting materials	[NASA-CASE-NPO-11481] C21 N73-13644
during salt bath brazing	SATELLITE CONTROL
[BADB OFT AND TITLE	Stabilization system for gravity-oriented
SAMARIUM Gadolinium or samarium doped-silicon	satellites using single damper rod
semiconductor material with resistance to	[NASA-CASE-XAC-01591] C31 N71-17729
radiation damage for use in solar cells	SATELLITE DESIGN
[NASA-CASE-XLE-10715] C26 N71-23292	Inflation system for balloon type satellites FNASA-CASE-XGS-033511 c31 N71-16081
SAMPLERS	[
Portable vacuum probe surface sampler for	SATELLITE INSTRUMENTS Satellite stabilization reaction wheel scanner
sampling large surface areas with relatively	[NASA-CASE-XGS-02629] c14 N71-21082
light loading densities of microorganisms	Economical satellite aided vehicle avoidance
[NASA-CASE-LAR-10623-1] C14 N73-30395	system for preventing midair collisions
SAMPLING The bit for outting collecting and storing	[NASA-CASE-ERC-10419] C21 N72-21631
Impact bit for cutting, collecting, and storing samples such as lunar rock cuttings	SATELLITE NETWORKS
[NASA-CASE-XNP-01412] C15 N70-42034	Satellite network synchronization system with
Design and development of fluid sample collector	multiple access to multiplex repeater
[NASA-CASE-XMS-06767-1] c14 N71-20435	[NASA-CASE-GSC-10390-1] CO7 N72-11149
pesign and development of two types of	SATELLITE ORBITS
atmosphere sampling chambers	Development of method and apparatus for spinning
[NASA-CASE-NPO-11373] c13 N72-25323	satellite about selected axis after reaching
Automatic swabbing apparatus for sampling of	predetermined orientation [NASA-CASE-BQN-00936] c31 N71-29050
microbiological surfaces	SATELLITE ORIENTATION
[NASA-CASE-LAR-11069-1] c04 N73-16061	Sensing method and device for determining
Digital to analog converter for sampled signal	orientation of space vehicle or satellite by
reconstruction [NASA-CASE-MSC-12458-1] c08 N73-32081	using particle traps
SANDWICH STRUCTURES	[NASĀ-CASE-XGS-00466] C21 N70-34297
Sandwich panel structure for removing beat from	Spin phase synchronization of cartwheel
shield between hot and cold areas	satellite in polar orbit
[NASA-CASE-XLA-00349] C33 N70-37979	[NASA-CASE-XGS-05579]
Particle detector for measuring micrometeoroid	Development of method and apparatus for spinning satellite about selected axis after reaching
velocity in space	predetermined orientation
[NASA-CASE-YLA-00495]	[NASA-CASE-HQN-00936] c31 N71-29050
Capacitor sandwich structure containing metal sheets of known thickness for counting	Analog spatial maneuver computer with three
penetration rates of meteoroids	output angles for obtaining desired spatial
[NASA-CASE-XLE-01246] C14 N71-10797	attitude
Technique for making foldable, inflatable,	[NASA-CASE-GSC-10880-1] G08 N72-11172
plastic honeycomb core panels for use in	SATELLITE PERTURBATION
building and bridge structures, light and	Flexible turnstile antenna system for reducing
radio wave reflectors, and spacecraft	nutation in spin-oriented satellites [NASA-CASE-XMF-00442] c31 N71-10747
[NASA-CASE-XLA-03492] c15 N71-22713	L
Punch and die device for forming convolution	SATELLITE ROTATION Optical scanner mounted on rotating support
series in thin gage metal hemispheres [NASA-CASE-XNP-05297]	structure with method of compensating for
[NASA-CASE-XNP-05297] c15 N/1-23811 Method for preparing laminates of stressed face	image or satellite rotation
sandwich structures with light weight cores	INASA-CASE-XGS-024011 C14 N69-2/485
[NASA-CASE-XLA-11028] c15 N72-21486	Stretch Yo-Yo mechanism for reducing initial
SAPPRIRE	spin rate of space vehicle
High temperature bonding of sapphire to sapphire	[NASA-CASE-XGS-00619] c30 N70-40016
by eutectic Al203 and Zr02 mixture to form	Development of method and apparatus for spinning
sapphire rubidium maser cell	satellite about selected axis after reaching
[NASA-CASE-GSC-11577-1] c15 N73-19467	predetermined orientation [NASA-CASE-HQN-00936] c31 N71-29050
SATELLITE ANTENNAS	SATELLITE TELEVISION
Monopole antenna system for maximum omnidirectional efficiency for use on satellites	Adaptive signal generating system and logic
[NASA-CASE-XLA-00414] c07 N70-38200	circuits for satellite television systems
Development of antenna system for spin	[NASA-CASE-GSC-11367] c10 N71-26374
stabilized communication satellite for	SATELLTE TRACKING
simultaneous reception and transmission of data	Design and development of tracking receiver for
[NASA-CASE-XGS-02607] 631 N71-23009	tracking satellites and receiving radio signal
SATELLITE ATTITUDE CONTROL	transmissions under adverse noise conditions
Photosensitive light source device for detecting	[NASA-CASE-XGS-08679] c10 N71-21473
unmanned spacecraft deviation from reference	Simultaneous acquisition of tracking data from
attitude	two stations [NASA-CASE-NPO-13292-1]
[NASA-CASE-XNP-00438] c21 N70-35089	SATELLITE TRANSMISSION
Attitude control system for spacecraft based on conversion of incident solar radiation on	Asynchronous, multiplexing, single line
movable control surfaces into mechanical torques	transmission and recovery data system for
[NASA-CASE-XNP-02982] c31 N70-41855	satellite use
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[NASA-CASE-NPO-13321-1]	c07 N74-19806	From Todin coaling derice for electrochemical
SATELLITE-BORNE PHOTOGRAPHY	201 8.4 15000	Epoxy resin sealing device for electrochemical cells in high wacuum environments
Rotary solenoid shutter drive asse	embly and	[NASA-CASE-XGS-02630] c03 N71-22974
rotary inertia damper and stop p	plate assembly	Leak resistant bonded elastomeric seal for
for use with cameras mounted	l in satellites	secondary electrochemical cells
[NASA-CASE-GSC-11560-1]	c09 N74-20861	[NASA-CASE-XGS-02631] c03 N71-23006
SATURATION		Self lubricating fluoride-metal composite
Saturable magnetic core and signal	detection for	materials for outer space applications
indicating impending saturation [NASA-CASE-ERC-10089]	c23 N72-17747	[NASA-CASE-XLE-08511] c18 071-23710 SEALING
SAUTOOTH HAVEFORES	C25 N/2 1/14/	Foil seal between parts moving relative to each
Linear sautooth voltage wave gener	rator with	other
transistor timing circuit having	capacitor and	[NASA-CASE-XLE-05130] c15 N69-21362
zener diode feedback loops		Hand tool for cutting and sealing fusible fabrics
[NASA-CASE-XMS-01315]	c09 N70-41675	[NASA-CASE-XMP-09386] c15 N69-21854
SCARRERS		Sealed electric storage battery with gas
Electronic and mechanical scanning system for monopulse tracking as		manifold interconnecting each cell [NASA-CASE-XNP-03378] c03 N71-11051
[NASA-CASE-XGS-05582]	c07 N69-27460	[NASA-CASE-XNP-03378] c03 N71-11051 Epoxy resin sealing device for electrochemical
Electronic background suppression		cells in high vacuum environments
sensor for detecting point source	e targets	[NASA-CASE-XGS-02630] c03 N71-22974
[NASA-CASE-XGS-05211]	c07 N69-39980	Electrode sealing and insulation for fuel cells
Electron beam scanning system for	improved image	containing caustic liquid electrolytes using
definition and reduced power req	quirements for	powdered plastic and metal
video signal transmission [NASA-CASE-ERC-10552]	c09 N71-12539	[NASA-CASE-XMS-01625] c15 N71-23022
Satellite stabilization reaction a		Sealing evacuation port and evacuating vacuum container such as space jackets
[NASA-CASE-XGS-02629]	c14 N71-21082	[NASA-CASE-XMF-03290] c15 N71-23256
Monopulse scanning network for sca		Segmented sealing surface in valve seat
volumetric antenna pattern		[NASA-CASE-NPO-10606] c15 N72-25451
[NASA-CASE-GSC-10299-1]	c09_N71-24804	SEALS (STOPPERS)
Righ speed scanner for measuring m		Spacecraft battery seals
preselected gases at high sampli [NASA-CASE-LAR-10766-1]	c14 N72-21432	[MASA-CASE-MGS-03864] c15 M69-24320 Flexible inflatable seal for butterfly walves
Scan oscilloscope for mapping surf		[NASA-CASE-XLE-00101] c15 N70-33376
sensitivity of photomultiplier t		Shrink-fit wacuum system gas walve
[NASA-CASE-LAR-10320-1]	c09 N72-23172	[NASA-CASE-IGS-00587] c15 N70-35087
Ultrasonic scanner for radial and		Thin valled pressure test vessel using
[NASA-CASE-HFS-20335-1]	c14 N74-10415	low-melting alloy-filled joint to attach shell
Apparatus for scanning the surface cylindrical body	e or a	to heads [NASA-CASE-XLE-04677] c15 N71-10577
[NASA-CASE-NPO-11861-1]	c14 N74-20009	Pluid seal formed by flexible disk on rotating
SCAMBING		shaft to retain lubricating oils around shaft
Conversion system for transforming		[NASA-CASE-XLE-05130-2] c15 N71-19570
rate of Apollo TV camera on moon	i to fast scan	Sealed storage container for channel carriers
of commercial TV [NASA-CASE-XMS-07168]	c07 N71-11300	with mounted miniature electronic components
Operation of widicon tube for scan		[MASA-CASE-HPS-20075] c09 N71-26133 Liquid-wapor interface seal design for turbine
charge density pattern		rotating shafts including helical and
[NASA-CASE-XNP-06028]	c09 N71-23189	molecular pumps and liquid cooling of mercury
Electro-optical system for scanning	ıg wariable	vapor
transmittance objects	-02 MBO 20606	[NASA-CASE-XNP-02862-1] c15 N71-26294
[NASA-CASE-NPO-11106-2] Blectronic optical transfer functi	c23 N72-28696	High speed, self-acting shaft seal
using scanning image dissection		[NASA-CASE-LEH-11274-1] c15 N73-29457 Leak detector with high vacuum seals
produce representative output si		[NASA-CASE-LAR-11237-1] c14 N73-32344
[NASA-CASE-MFS-21672-1]	c23 N73-22630	Spiral groove seal for rotating shaft
Position determination systems		[NASA-CASE-XLE-10326-4] c15 N74-15125
antenna scan of celestial body		Glass-to-metal seals comprising relatively high
[NASA-CASE-MSC-12593-1]	c09 N74-14942	expansion metals
SCHOOLS Silent alarm system for mutiple ro	om facility or	[NASA-CASE-LEW-10698-1] c15 N74-21063 SEARS (JOINTS)
school	02 10011117 01	Sealing apparatus for joining two pieces of
[NASA-CASE-NPO-11307-1]	c10 N73-30205	frangible materials
SCOOPS		[NASA-CASE-XLA-01494] c15 N71-24164
Aeroflexible sing structure with a		Cord restraint system for pressure suit joints
inflating stiffeners with ram ai		[NASA-CASE-XES-09635] c05 N71-24623
[NASA-CASE-XLA-06095] SCREBS	c01 N69-39981	<pre>Bethod Of making pressure tight seal for super alloy</pre>
Electromechanical control actuator	system using	[NASA-CASE-LAR-10170-1] c15 N74-11301
double differential screws	- 1	SBAT BRITS
[NASA-CASE-ERC-10022]	c15 N71-26635	Combined shoulder harness and lap belt restraint
Adjustable support device with jac		system for use in aircraft or automobiles
altering distance between base a	na supportea	[NASA-CASE-ARC-10519-1] c05 N72-31117
member [NASA-CASE-NPO-10721]	c15 N72-27484	Shoulder harness and lap belt restraint system
SCRUBBERS	OTO MIE-ZIMON	[NASA-CASE-ARC-10519-2]
Developing high pressure gas purif	ication and	Bearing sectors for controlling self excited
filtration system for use in tes		instability of journal bearing shafts rotating
of space vehicles	#44 WOR 49500	at high speeds in low viscosity lubricants
[NASA-CASE-HFS-12806]	c14 N71-17588	[NASA-CASE-LEB-11076-2] c15 N73-20533
SEA ICE Laser technique for breaking ice i	n ship path	SEGUENTS Fabrication of curved reflector segments for
[NASA-CASE-LAR-10815-1]	c16 N72-22520	solar mirror
#RALERS '		[NASA-CASE-XLE-08917] c15 N71-15597
Design and development of flexible	joint for	SEISHIC HAVES
pressure suits [NASA-CASE-XMS-09636]	c05 N71-12344	Determining sway of buildings by low frequency
[MEDW CUME WITH AS	UU 8/1"14344	device using pendulum [NASA-CASE-XMP-00479] c14 N70-34794
		[NASA-CASE-XMF-004/9] c14 N70-34794

SELECTORS	Development and characteristics of fluid
Selector mechanism for mechanical separation and	oscillator analog to digital converter with
discrimination of high velocity molecular	variable frequency controlled by signal
particles	passing through conditioning circuit
$c_{N1} c_{A} = c_{A} c_{B} = v_{1} c_{A}	[NASA-CASE-LEW-10345-1] c10 N71-25899
Peak polarity selector for monitoring waveforms	volume displacement transducer for leak detection in hermetically sealed semiconductor
[NASA-CASE-FRC-10010] c10 N71-24862	
CBID ALTCHBRUT	devices [NASA-CASE-ERC-10033] c14 N71-26672
Plactro-optical system for maintaining two-axis	[NASA-CASE-ERC-10033] c14 N71-26672 Inverter drive circuit for semiconductor switch
alignment during milling operations on large	r NASA-CASE-LEW-102331 c10 N71-27126
tank-sections	(NASA-CASE-LEW-10233] c10 N71-27126 Test chambers with orifice and helium mass
[NASA-CASE-XMF-00908] C14 N70-40238	spectrometer for detecting leak rate of
SELF ERECTING DEVICES	encapsulated semiconductor devices
Self-erectable space structures of flexible foam	[NASA-CASE-ERC-10150] C14 N71-28992
for application in planetary orbits	Semiconductor device manufacture using
[NASA-CASE-XLA-00686] C31 N70-34135	refractory dielectrics as diffusant masks and
Manned space station collapsible for launching	interconnection insulating materials.
and self-erectable in orbit	[NASA-CASE-XER-08476-1] C26 N72-17820
	Single crystal film semiconductor devices
Manned space station launched in packaged	r Nasa-Case-Erc-102221 cog N72-22199
condition and self erecting in orbit [NASA-CASE-XIA-00258] C31 N70-38676	Development of process for forming insulating
[NASA-CASE-XLA-00258] CJ1 N70-38676 Foldable conduit capable of springing back as	layer between two electrical conductor or
self erecting structural member	semiconductor materials
[NASA-CASE-XLE-00620] c32 N70-41579	[NASA-CASE-LEW-10489-1] c15 N72-25447
Antenna design with self erecting mesh reflector	Multiterminal Gunn-type semiconductor microwave
[NASA-CASE-XGS-09190] C31 N71-16102	generator for producing stable signals
Self erecting parabolic reflector design for use	rnasa-case-xer-078951 c26 N72-25679
in space	Miniature piezojunction semiconductor transducer
[NASA-CASE-XHS-03454] C09 N71-20658	with in situ stress coupling
SELF LUBRICATING MATERIALS	[NASA-CASE-ERC-10087-2] C14 872-31446
Self lubricating fluoride-metal composite	Development and characteristics of hermetically
materials for outer space applications	sealed coaxial package for containing
[NASA-CASE-XLE-08511] C18 N71-23710	microwave semiconductor components
Self lubricating gears and other mechanical	[NASA-CASE-GSC-10791-1] c15 N73-14469
parts having surface adapted to frictional	Photoconducting semiconductor system for
contact	converting stored optical images into video
[NASA-CASE-MFS-14971] c15 N71-24984	signals [WASA-CASE-NPO-13131-1]
SELF HANBUVERING UNITS	I have once who is in
Hand-beld maneuvering unit for propulsion and	SEMICONDUCTOR JUNCTIONS Gallium arsenide solar cell preparation by
attitude control of astronauts in zero or	surface deposition of cuprous iodide on thin
reduced gravity environment rwasa-case-xms-053041 c05 N71-12336	n-type polycrystalline layers and heating in
	iodine vapor
Lightweight propulsion unit for movement of	[NASA-CASE-XNP-01960] C09 N71-23027
personnel and equipment across lunar surface	Miniature electromechanical junction transducer
[NASA-CASE-MFS-20130] C28 N/1-2/585 SRLF PROPAGATION	operating on piezofunction effect and
Self-generating optical frequency waveguide	utilizing epoxy for stress coupling component
[NASA-CASE-HQN-10541-1] c07 N71-26291	[NASA-CASE-ERC+10087] C14 N71-27334
SBHICONDUCTOR DEVICES	Resin for protecting p-n semiconductor junction
Pixture for simultaneously supporting several	surface
components for electrical testing	[NASA-CASE-ERC-10339-1] C18 N73-30532
[NASA-CASE-XNP-06032] c09 N69-21926	SEMICONDUCTORS (MATERIALS)
Semiconductor p-n junction on needle apex to	Hole mobility of deposited semiconductor films
provide stress and strain sensor	in vacuum utilizing thermal gradient
[NASA-CASE-XLA-04980] CO9 N69-27422	
Selective gold diffusion on monolithic silicon	Semiconductor in resonant cavity for improving signal to noise ratio of communication receiver
chips for switching and nonswitching amplifier	[NASA-CASE-NSC-12259-1] CO7 N70-12616
devices and circuits and linear and digital	Improved semiconductor multivibrator circuit
logic circuits	which approaches 100 percent efficiency
[NASA-CASE-ERC-10072]	[NASA-CASE-XAC-00942] C10 N71-16042
<pre>Extra-long monostable multivibrator employing bistable semiconductor switch to allow</pre>	Pabrication of sintered impurity semiconductor
charging of timing circuit	brushes for electrical energy transfer
[NASA-CASE-XGS-00381] c09 N70-34819	[NASA-CASE-XMF-01016] C26 N71-17818
method of forming thin window drifted silicon	Binding layer of semiconductor particles by
charged particle detector	electrodeposition .
[NASA-CASE-KLE-00808] c24 871-10560	[NASA-CASE-XNP-01959] C26 N71-23043
Doping silicon material with gadolinium to	Gadolinium or samarium doped-silicon
increase radiation resistance of solar cells	semiconductor material with resistance to
[NASA-CASE-KLE-02792] c26 N71-10607	radiation damage for use in solar cells
Separation of semiconductor wafer into chips	[NASA-CASE-XLE-10715] c26 N71-23292
bounded by scribe lines	Characteristics of infrared photodetectors
[NASA-CASE-BRC-10138] c26 N71-14354	manufactured from semiconductor material
Voltage tunable Gunn effect semiconductor for	irradiated by electron beam [NASA-CASE-LAR-10728-1] c14 B73-12445
microwave generation	[NATE 1 1 1 1 1 1 1 1 1
[NASA-CASE-XER-07894] c09 N71-18721	SERSITIVITY
Indicator device for monitoring charge of wet	Design of active RC network capable of operating at high Q values with reduced sensitivity to
cell battery, using semiconductor light	gain amplification and number of passive
emitter and photodetector (NASA-CASE-NPO-101941 c03 N71-20407	components
	[NASA-CASE-ARC-10042-2] c10 N72-11256
Signaling summary alarm circuit with semiconductor switch for faulty contact	SENSORS
indications	Improved bonding method in the manufacture of
[NASA-CASE-XLE-03061-1] c10 N71-24798	continuous regression rate sensor devices
Bethod for temperature compensating	[NASA-CASE-LAR-10337-1] c15 N74-14141
semiconductor gages by exposure to high energy	SEESORY PERCEPTION
radiation	Prosthetic limb with tactile sensing device
[MASA-CASE-XLA-04555-1] c14 N71-25892	[NASA-CASE-MFS-16570-1] c05 N73-32013

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SEPARATED FLOU
     Thrust vector control by secondary injection of fluid into rocket nozzle flow field to
        separate exhaust flow
       [NASA-CASE-XLE-00208]
                                                     c28 N70-34294
    Double hinged flap for boundary layer control
over trailing edges of wings
[NASA-CASE-XLA-01290] C02 N70-4
Separation cell with permeable membranes for
fluid mixture component separation
[NASA-CASE-XMS-02952] C18 N71-2
                                                     c02 N70-42016
                                                     c18 N71-20742
 SEPARATORS
     Condenser-separator for dehumidifying air
       utilizing sintered metal surface
       [NASA-CASE-XLA-08645]
                                                     c15 N69-21465
     Umbilical separator for rockets
       [NASA-CASE-XNP-00425]
                                                     c11 N70-38202
    Liquid-gas separator adapted for use in zero
       grawity environment - drawings
       [NASA-CASE-XMS-01624]
                                                     c15 N70-40062
  Describing apparatus for separating gas from
       cryogenic liquid under zero gravity and for
       venting gas from fuel tank
[NASA-CASE-XLE-00586]
    Liquid-gaseous centrifugal separator for
       meightlessness environment
       [NASA-CASE-XLA-00415]
                                                     c15 N71-16079
    Development of liquid separating system using capillary device connected to flexible bladder
       storage chamber
    [NASA-CASE-MMS-13052] c14 N71-204
Vapor-liquid separator design with vapor driven
                                                    C14 N71-20427
       pump for separated liquid pumping for
application in propellant transfer
[NASA-CASE-XMF-04042] c15
                                                    c15 N71-23023
    Centrifugal separator using lyophobic filter
    [NASA-CASE-LAR-10194-1] c12 N72-1
Device for removing air from mater for use in
                                                    c12 N72-11293
       life support systems in manned space flight
       [NASA-CASE-XLA-8914]
                                                    c15 N73-12492
SECURECIES
    Synchronous counter design incorporating cascaded binary stages driven by previous stages and inputs through NAND gates
[NASA-CASE-KGS-02440] c08 N71-
                                                   c08 N71-19432
    Pulse duration control device for driving slow
      response time loads in selected sequence including switching and delay circuits and
       magnetic storage
       [ NASA-CASE-165-04224 ]
                                                    c10 N71-26418
    Digital function generator for generating any
       arbitrary single valued function [NASA-CASE-NPO-11104]
    NOD 2 sequential function generator for multibit
       sequence, with two-bit shift register for each
       pair of bits
       [NASA-CASE-NPO-10636]
    Linear shift register with feedback logic for
       generating pseudonoise linear recurring binary
       sequences
       [ NASA-CASB-NPO-11406]
                                                    c08 N73-12175
SEQUENTIAL ANALYSIS
    Binary coded sequential acquisition ranging system for distance measurements
    [NASA-CASE-NPO-11194] c08 N72-25
Event sequence detector with several input and
                                                    c08 N72-25209
      shift register responsive to clock pulses [WASA-CASE-NPO-11703-1] c10 N73-32144
SEQUENTIAL CONTROL .
    Linear three-tap feedback shift register [NASA-CASE-NPO-10351] c08
                                                   c08 N71-12503
    Binary sequence detector with few memory
      elements and minimized logic circuit complexity [WASA-CASE-XMP-05415] c08 N71-12505
SERVICE LIFE
    Service life of electromechanical device for
generating sine/cosine functions [NASA-CASE-LAR-10503-1]
SERVOREPLIFIERS
                                                    c09 N72-21248
    Pneumatic servoamplifier for controlling flow regulation
      [BASA-CASE-BSC-12121-1]
                                                   c15 N71-27147
SERVOCOMTROL
    Electronic and mechanical scanning control
      system for nonopulse tracking antenna
      [NASA-CASE-YGS-05582]
                                                   c07 ¥69-27460
    proportional controller for regulating aircraft
      or spacecraft motion about three ares
      [WASA-CASB-XAC-03392]
                                                   c03 N70-41954
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Modulating and controlling intensity of light
beam from high temperature source by
       servocontrolled rotating cylinders
    [NASA-CASE-MES-04300] CO9 N71-1947!
Servocontrol system for measuring local stresses
                                                   c09 N71-19479
       at geometric discontinuity in stressed material
    [NASA-CASE-XLA-08530] c32 N71-25360
System to control speed of hydraulically movable
                                                   c32 N71-25360
       members by limiting energy applied to actuators with hydraulic servo loop [NASA-CASE-ARC-10131-1] c15
                                                    c15 N71-27754
    Digital servocontrol system for random noise
       excitation in reverberant acoustic chamber
       [NASA-CASE-NPO-11623-1]
                                                   c23 N72-25628
    Digital servocontroller for rotating antenna shaft [NASA-CASE-RSC-10769-1] c09 N73-27153
    Anthropomorphic master/slave manipulator system
       [ NASA-CASE-ARC-10756-1]
                                                   c15 N74-16139
    Servo-controlled intravital microscope system
[NASA-CASE-NPO-13214-1] c14 N74-19093
SERVOHECHANISHS
    Servo system for retroreflector of Bichelson
       interferometer
       [ NASA-CASE-NPO-10300 ]
                                                   C14 N71-17662
    Mechanical function generators with
       potentiometer as sensing element
    [NASA-CASE-XAC-00001] c15 N71-289
Closed loop servosystem for variable speed tape
                                                   c15 N71-28952
       recorders onboard spacecraft [NASA-CASE-NPO-10700]
    Characteristics of lightweight actuator for
       imparting linear motion using elongated output
       shaft
       [ NASA-CASE-NFO-11222 ]
    Development and characteristics of rotary actuator for use on spacecraft to deploy and
      support pivotal structures such as solar panels [NASA-CASE-NPO-10680] c31 N73-14855
                                                   c31 N73-14855
SERVOHOTORS
    Automatic closed circuit television arc guidance
   control for welding joints
[NASA-CASE-MFS-13046] c07 N71-19
Electric motor control system with pulse width
modulation for providing automatic null
                                                   c07 N71-19433
       seeking servo
       [ NASA-CASE-XHP-05195 ]
    Development and characteristics of cyclically
      operable, optical shutter for use as focal
      plane shutter for transmitting single
      radiation pulses
      [ NASA-CASE- NPO-10758 ]
   Development and characteristics of rotary actuator for use on spacecraft to deploy and
      support pivotal structures such as solar panels [NASA-CASE-NPO-10680] c31 N73-14855
   Phase-locked servo system --- for synchronizing rotation of two or more rotating systems
      [ NASA-CASE-MFS-22073-1]
                                                   CO9 N74-11058
   Raw water sewage treatment
      [NASA-CASE-NPO-13224-1]
                                                   c05 N73-31011
SHAFTS (HACHIEF ELBHRETS).

Patigue resistant shear pin with hollow shaft
      and two plugs
      [NASA-CASE-XLA-09122]
                                                   C15 N69-27505
   Elastic universal joint for rocket motor mounting [Naga-Case-YNP-00416] c15 N70-36947
   Air brake device for absorbing and measuring
      power from rotating shafts [NASA-CASE-XLE-00720]
                                                   c14 N70-40201
   Two axis flight controller with potentiometer
      control shafts directly coupled to rotatable
      ball members
      [NASA-CASE-XPR-04104]
                                                   c03 N70-42073
   Ratchet mechanism for high speed operation at reduced backlash
      [NASA-CASE-HPS-12805]
                                                   c15 N71-17805
   Universal joints for connecting two displaced
      Shafts or members [NASA-CASE-NPO-10646]
   Development of mating flat surfaces to inhibit
      leakage of fluid around shafts [NASA-CASE-KLE-10326-2]
                                                   c15 N72-29488
   Patigue life of hybrid antifriction bearings at
      ultrahigh speeds
      [ NASA-CASE-LEH-11152-1]
                                                  c15 N73-32359
   Spiral groove seal --- for bydraulic rotating
      shaft
      [ NASA-CASE-LES-10326-3]
                                                  c15 N74-10474
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	Wantaguraira gaunting digital filter containing
Journal bearings [NASA-CASE-LEW-11076-4] c15 N74-18134	Nonrecursive counting digital filter containing shift register
SHAPER CHARGES	[NASA-CASE-NPO-11821-1] c08 N73-26175
Coupling device for linear shaped charge for	Event sequence detector with several input and shift register responsive to clock pulses
space vehicle abort system [NASA-CASE-XLA-00189] c33 N70-36846	[NASA-CASE-NPO-11703-1] c10 N73-32144
Development of remotely controlled shaped charge	SHOCK ABSORBERS
for lateral displacement of rocket stages after separation	Pivotal shock absorbing assembly for use as load distributing portion in landing gear systems
[NASA-CASE-XLA-04804] c31 N71-23008	of space Vehicles
SHAPERS Mandrel for shaping solid propellant rocket fuel	[NASA-CASE-XMF-03856] c31 N70-34159 Energy dissipating shock absorbing system for
into engine casing	land payload recovery or vehicle braking
[NASA-CASE-XLA-00304] C27 N70-34783	[NASA-CASE-XLA-00754] c15 N70-34850 Shock absorbing couch for body support under
Hand tool for forming dimples and nipples on end portion of tubes	high acceleration or deceleration forces
[NASA-CASE-XMS-06876] C15 N71-21536	[NASA-CASE-XMS-01240] c05 N70-35152
Dielectric apparatus for heating, fusing, and hardening of organic matrix to form plastic	Low onset rate energy absorber in form of strut assembly for crew couch of Apollo command module
material into shaped product	[NASA-CASE-MSC-12279-1] c15 N70-35679
[NASA-CASE-LAR-10121-1] c15 N71-26721	Landing pad assembly for aerospace vehicles [NASA-CASE-XMF-02853] c31 N70-36654
SHARKS Conditioning tanned sharkskin for use as	Spacecraft shock absorbing system for soft
abrasive resistant clothing	landings
[NASA-CASE-XMS-09691-1] c18 N71-15545 SHEAR CREEP	[NASA-CASE-XMF-02108] c31 N70-36845 Shock absorber for landing gear of lunar or
Measuring shear-creep compliance of solid and	planetary landing modules
liquid materials used in spacecraft components [NASA-CASE-XLE-01481] c14 N71-10781	[NASA-CASE-XMF-01045] c15 N70-40354 Shock absorbing articulated multiple couch
[NASA-CASE-XLE-01481] C14 N71-10781 SHRAR FLOW	assembly
Shear modulated fluid amplifier of high pressure	[NASA-CASE-MSC-11253] c05 N71-12343
hydraulic vortex amplifier type [NASA-CASE-HPS-10412] c12 N71-17578	Design and development of double acting shock absorber for spacecraft docking operations
SHEAR PROPERTIES	[NASA-CASE-XMS-03722] c15 N71-21530
Describing instrument capable of measuring true shear viscosity of liquids and viscoelastic	Impact energy absorber with decreasing absorption rate
materials	[NASA-CASE-XLA-01530] C14 N71-23092
[NASA-CASE-XNP-09462] c14 N71-17584	Energy absorbing crew couch strut for Apollo
SHRAR STRESS Fatigue resistant shear pin with hollow shaft	command module [NASA-CASE-MSC-12279] c15 N72-17450
and two plugs	Shock absorber for use as protective barrier in
[NASA-CASE-XLA-09122] c15 N69-27505 Development of combined velocimeter and	impact energy absorbing system [NASA-CASE-NPO-10671] c15 N72-20443
accelerometer based on color changes in liquid	Development and characteristics of supporting
crystalline material subjected to shear stresses [NASA-CASE-ERC-10292] c14 N72-25410	frame to isolate payloads from multi-gravitational forces
[NASA-CASE-ERC-10292] c14 N72-25410 Reduction of peak shear stress in bonded joint	[NASA-CASE-MFS-21680-1] c15 N73-20525
[NASA-CASE-LAR-10900-1] c15 N73-10499	Viscoelastic shock absorbing mount for
SHELLS (STRUCTURAL FORMS) Channel-type shell construction for rocket	electrical circuit board [NASA-CASE-NPO-13253-1] c15 N73-31445
engines and related configurations	SHOCK LOADS
[NASA-CASE-XLE-00144] c28 N70-34860 SHIRLDING	Damper system for alleviating air flow shock loads on wind tunnel models
Plexible bellows joint shielding sleeve for	[NASA-CASE-XLA-09480] c11 N71-33612
propellant transfer pipelines [NASA-CASE-XNP-01855] c15 N71-28937	SHOCK RESISTANCE Removable potting compound for instrument shock
Shielded flat conductor cable of ribbonlike	protection
wires laminates in thin flexible insulation	[NASA-CASE-XLA-00482] c15 N70-36409 Thermal shock resistant hafnia ceramic materials
[NASA-CASE-HFS-13687-2] c09 N72-22198 SHIFT REGISTERS	[NASA-CASE-LAR-10894-1] c18 N73-14584
Binary to binary-coded decimal converter using	SBOCK TUBES
single set of logic circuits notwithstanding number of shift register decades	Knife structure for controlling rupture of shock tube diaphragms
[NASA-CASE-XNP-00432] c08 N70-35423	[NASA-CASE-XAC-00731] c11 N71-15960
Linear three-tap feedback shift register [NASA-CASE-NPO-10351] c08 N71-12503	Design, development, and operation of shock tube with bypass piston tunnel
[NASA-CASE-NPO-10351] c08 N71-12503 Computer circuit performing both counting and	[NASA-CASE-NPO-12109] C11 N72-22245
shifting logic operations also capable of	SHOCK WAVE INTRRACTION
miniaturization and integration in basic circuits	Absorptive, nonreflecting barrier mounted between closely spaced jet engines on
[NASA-CASE-XNP-01753] c08 N71-22897	supersonic aircraft, for preventing shock wave
Commutator for steering precisely controlled bidirectional currents through numerous loads	interference [NASA-CASE-XLA-02865] c28 N71-15563
by use of magnetic core shift registers	SHOCK WAVE LUMINESCENCE
[NASA-CASE-NPO-10743] c08 N72-21199 Multistage feedback shift register with states	Method and apparatus for measuring shock layer
decomposable into cycles of equal length	radiation distribution about high velocity objects
[NASA-CASE-NPO-11082] c08 N72-22167	[NASA-CASE-XAC-02970] c14 N69-39896
MOD 2 sequential function generator for multibit sequence, with two-bit shift register for each	SHOCK PAYE PROFILES Method and apparatus for measuring shock layer
pair of bits	radiation distribution about high velocity
[NASA-CASE-NFO-10636] c08 N72-25210 Linear shift register with feedback logic for	objects [NASA-CASE-XAC+02970]
generating pseudonoise linear recurring binary	[NASA-CASE-XAC+02970] C14 N69-39896 SHOCK WAYES
sequences	Apparatus for mechanically dispersing ultrafine
[NASA-CASE-NPO-11406] c08 N73-12175 Pamily of m-ary linear feedback shift register	metal powders subjected to shock waves [NASA-CASE-XLE-04946] c17 N71-24911
with binary logic	Electrical device for developing converging
[NASA-CASE-NPO-11868] c10 N73-20254	spherical shock waves

[NASA-CASE-MFS-20890] c14 N72-22439	Electrical testing apparatus for detecting
Development of technique and apparatus for	amplitude and width of transient pulse
Optically detonating insensitive high explosives [NASA-CASE-NPO-11743-1] c33 N73-29959	[NASA-CASE~XMF-06519] c09 N71~12519 System for monitoring presence of neutrals in
Production of intermetallic compounds by effect	streams of ions - ion engine control
of shock waves from explosions and compaction of powder	[NASA-CASE-XNP-02592] C24 N71-20518 Development of apparatus for generating output
[NASA-CASE-MPS-20861-1] c18 N73-32437	signal commensurate with information contained
NORS	in input signal
Jet shoes for space locomotion [NASA-CASE-XLA-08491] c05 N69-21380	[NASA-CASE-ERC-10041] c08 N71-29138 SIGNAL ENCODING
HORT CIRCUITS	Adaptive compression signal processor for PCH
Use of silicon controlled rectifier shorting	communication systems
circuit to protect thermoelectric generator source from thermal destruction	[NASA-CASE-XLA-03076] c07 N71-11266 SIGDAL GENERATORS
[NASA-CASE-XGS-04808] CO3 N69-25146	Plural recorder system which limits signal
Vacuum thermionic converter with short-circuited	recording to signals of sufficient interest
triodes and increased electron transmission and conversion efficiency	[NASA-CASE-XMS-06949] C09 M69-21467 Alternating current signal generator providing
[NASA-CASE-XLE-01015] c03 N69-39898	plurality of amplitude modulated output signals
Apparatus for automatically testing analog to	[NASA-CASE-XNP-05612]
digital converters for open and short circuits [NASA-CASE-XLA-06713] c14 N71-28991	Circuitry for generating sync signals in FH communication systems including video
HORT TARROFF AIRCRAFT	information
Turbofans under mings to provide lift and thrust for STOL aircraft	[NASA-CASE-XNP-10830] C07 N71-11281 Apparatus for generating microwave signals at
[NASA-CASE-LEH-11224-1] c02 N72-10033	progressively related phase angles for driving
RROUDS	antenna array
Shrouded composite propulsion system configuration [NASA-CASE-XLA-01043] c28 N71-10780	[NASA-CASE-ERC-10046] c10 N71-18722 System generating sidereal frequency signals
HOTTERS	from signals of standard solar frequency
High speed shutter electrically actuated	without use of mixing operations or feedback
ribbon loop for shuttering optical or fluid passageways	loops [NASA-CASE-KGS-02610]
[NASA-CASE-ARC-10516-1] c23 N74-21300	Hand controller operable about three
IDEBANDS	respectively perpendicular ares and capable of
Phase locked loop with sideband rejecting properties in continuous wave tracking radar	actuating signal generators for attitude control devices
[NASA-CASE-XNP-02723] c07 N70-41680	[NASA-CASE-XMS-07487] c15 N71-23255
IDELOBE REDUCTION	Voltage controlled oscillators and pulse
Multiple mode horn antenna with radiation pattern of equal beamwidths and suppressed	amplitude modulation for signal ratio system [NASA-CASE-XMF-04367] c09 N71-23545
sidelobes	Sampling circuit for signal processing in
[NASA-CASE-XNP-01057] c07 N71-15907	multiplex transmission by Pourier analysis [NASA-CASE-NPO-10388] c07 N71-24622
Processes for making metal sheets or plaques	[NASA-CASE-NPO-10388] CO7 N71-24622 Signaling summary alarm Circuit with
with parallel pores of uniform size	semiconductor switch for faulty contact
[NASA-CASE-GSC-10984-1] c15 N71-34427	indications [NASA-CASE-XLE-03061~1] c10 N71-24798
Design and development of signal detection and	Adaptive signal generating system and logic
tracking apparatus [NASA-CASE-XGS-03502] c10 N71-20852	circuits for satellite television systems
[NASA-CASE-XGS-03502] c10 N71-20852 Phase detector with time correlation integrator	[NASA-CASE-GSC-11367] c10 N71-26374 Device for monitoring voltage by generating
for frequency multiplexed signals	signal when woltages drop below predetermined
[NASA-CASE-GSC-11744-1] c09 N73-23291 Method and apparatus for a single channel	value [NASA-CASE-KSC-10020] c10 N71-27338
digital communications system	System for control of variable signal generator
synchronization of received PCM signal by	[NASA-CASE-NPO-11064] c07 N72-11150
digital correlation with reference signal [NASA-CASE-NPO-11302-2] c07 N74-10132	Digital function generator for generating any arbitrary single valued function
IGNAL ANALYZERS	[NASA-CASE-NPO-11104] c08 N72-22165
Monitoring system for signal amplitude ranges	Development of Hall effect transducer for
over predetermined time interval [NASA-CASE-XHS-04061-1] c09 N69-39885	converting mechanical shaft rotations into proportional electrical signals
Feedback controller for sampling error signals	[NASA-CASE-LAR-10620-1] c09 N72-25255
uithin single control formulation time interval [NASA-CASE-GSC-10554-1] c08 N71-29033	Digital servocontrol system for random noise
Development of family of frequency to amplitude	excitation in reverberant acoustic chamber [NASA-CASE-NPO-11623-1] c23 N72-25628
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input signal maveforms [NASA-CASE-MSC-12395] c09 N72-25257	generator for producing stable signals
Device for performing statistical time-series	[NASA-CASE-XRH-07895] c26 N72-25679 Audio frequency analysis circuit for
analysis of complex electrical signal waveforms	determining, displaying, and recording
[NASA-CASE-MSC-12428-1] c10 N73-25240 Pulse stretcher for processing narrow pulses	frequency of sweeping audio frequency signal [NASA-CASE-NPO-11147] c14 N72-27408
between pulse generators and conventional	System for generating timing and control signals
instruments	during repetitive fixed length serial data
[NASA-CASE-MSC-14130-1] c10 N73-26232	transmission [NASA-CASE-NPO-13125-1] c09 N73-18225
Position locating system for remote aircraft	Test set for signal conditioner modules
using voice communication and digital signals [NASA-CASE-GSC-10087-2] c21 N71-13958	[NASA-CASE-KSC-10750-1] c14 k73-23527
[NASA-CASE-GSC-10087-2] C21 N71-13958 Saturable magnetic core and signal detection for	SIGUAL REASUREMENT Transmitter receiver system for measuring
indicating impending saturation	millivolt electrical signals with high common
[NASA-CASE-ERC-10089] c23 N72-17747	mode potential
IGNAL DETRCTORS Roughness detector for recording surface pattern	[NASA-CASE-XLE-03155-2] c09 x72-20205 SIGNAL HIXING
of irregularities	Impedance transformation device for signal mixing
[NASA-CASE-XLA-00203] c14 N70-34161	[NASA-CASE-NGS-01110] c07 N69-24334
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IGNAL PROCESSING	Measurement system for physical quantity
Adaptive compression signal processor for PCA	represented by or converted to variable
communication systems	frequency signal [NASA-CASE-MFS-20658-1] c14 N73-30386
[NASA-CASE-XLA-03076] c07 N71-11266 Conversion system for transforming slow scan	Digital to analog converter for sampled signal
rate of Apollo TV camera on moon to fast scan	reconstruction
of commercial TV	[NASA-CASE-MSC-12458-1] c08 N73-32081
[NASA-CASE-XMS-07168] C07 N71-11300	Anti-multipath digital signal detector
Difference indicating circuit used in	[NASA-CASE-LAR-11379-1] c07 N74-11005
conjunction with device measuring	Fluid pressure amplifier and system [NASA-CASE-LAR-10868-1] c09 x74-11050
gravitational fields [NASA-CASE-XNP-08274] c10 N71-13537	SIGNAL RECEPTION
Circuitry for developing autocorrelation	Radar signal receiver arrangement for extending
function continuously within signal receiving	range and increasing signal to noise ratio
period of the contract of the	[NASA-CASE-XNP-00748] c07 N70-36911
[NASA-CASE-INP-00746] c07 N71-21476 System generating sidereal frequency signals	Reflectometer for receiver input impedance match measurement
from signals of standard solar frequency	[NASA-CASE-XNP-10843] c07 N71-11267
without use of mixing operations or feedback	Diversity receiving system with diversity phase
loops	10ck
[NASA-CASE-XGS-02610] c14 N71-23174	[NASA-CASE-XGS-01222] c10 N71-20841
Peedback integrating circuit with grounded	Design and development of signal detection and tracking apparatus
capacitor for signal processing [NASA-CASE-IAC-10607] c10 N71-23669	[NASA-CASE-XGS-03502] c10 N71-20852
Sampling circuit for signal processing in	Development of optimum pre-detection diversity
multiplex transmission by Fourier analysis	combining receiving system adapted for use
[NASA-CASE-NPO-10388] CO7 N71-24622	with amplitude modulation, phase modulation, and frequency modulation systems
Video signal processing system for sampling video brightness levels	[NASA-CASE-XGS-00740] c07 N71-23098
[NASA-CASE-NPO-10140] c07 N71-24742	Binary data decoding device for use at receiving
Monopulse scanning network for scanning	end of communication channel
volumetric antenna pattern	[NASA-CASE-NPO-10118] c07 N71-24741
[NASA-CASE-GSC-10299-1]	Development of electronic circuit for combining
Apparatus for filtering input signals [NASA-CASE-NPO-10198] c09 N71-24806	input signals on two separate antennas to form two processed signals
Video sync processor with phase locked system	[NASA-CASE-MSC-12205-1] c07 N71-27056
[NASA-CASE-KSC-10002] c10 N71-25865	Input signal measurement using liquid
Transient video signal tape recorder with	crystalline elements
expanded playback	[NASA-CASE-BRC-10275] c26 N72-25680 Development of differential phase shift keyed
[NASA-CASE-ARC-10003-1] c09 N71-25866 Scanning signal phase and amplitude electronic	signal receiver to resolve differential phase
control device with hybrid T waveguide junction	shift in incoming signal
[NASA-CASE-NPO-10302] c10 N71-26142	[NASA-CASE-MSC-14066-1] c10 N73-10269
Variable frequency nuclear magnetic resonance	Filter for third order phase locked loops in
spectrometer providing drive signals over wide frequency range and minimizing noise effects	signal receivers [NASA-CASE-NPO-11941-1] c10 N73-27171
[NASA-CASE-XNP-09830] c14 N71-26266	Electromechanical actuator for producing
Development of apparatus for generating output	mechanical force and/or motion in response to
signal commensurate with information contained	electrical signals
in input signal [NASA-CASE-BRC-10041] c08 N71-29138	[NASA-CASE-NPO-11738-1] c09 973-30185
[NASA-CASE-BRC-10041] c08 N71-29138 Development of electric circuit for production	SIGNAL REFLECTION Reflectometer for receiver input impedance match
of different pulse width signals	measurement
[NASA-CASE-XLA-07788] c09 N71-29139	[NASA-CASE-XNP-10843] c07 N71-11267
Phase shifting circuit for selecting phase of	SIGNAL STABILIZATION
input signal [NASA-CASE-ARC-10269-1] c10 N72-16172	Linear accelerator frequency control system [NASA-CASE-KGS-05441] c10 N71-22962
Processing system for semiperiodic electrical	Development of apparatus for generating output
signals to produce real time contoured display	signal commensurate with information contained
[NASA-CASE-MSC-13407-1] c10 N72-20225	in input signal
Design and characteristics of recording system	[NASA-CASE-ERC-10041] c08 N71-29138 Automatic nulling system for interference signal
for selective reprocessing and filtering of data to obtain optimum signal to noise ratios	at multichannel receiver by polarization
[NASA-CASE-ÉRC-10112] c07 N72-21119	adjustment
Technique for deriving logarithm of input signal	[NASA-CASE-NPO-13140-1] c07 N73-27106
using exponentially varying electric signal	SIGNAL TO NOISE RATIOS
inversely [NASA-CASE-ERC-10267] c09 N72-23173	Semiconductor in resonant cavity for improving signal to noise ratio of communication receiver
Development and characteristics of telemetry	[NASA-CASE-MSC-12259-1] c07 N70-12616
system using computer-accessed circuits and	Radar signal receiver arrangement for extending
remotely controlled from ground station	range and increasing signal to noise ratio
[NASA-CASE-NPO-11358] co7 N72-25172	[NASA-CASE-XNP-00748] c07 N70-36911
Development of differential phase shift keyed signal receiver to resolve differential phase	Detector assembly for discriminating first signal with respect to presence or absence of
shift in incoming signal	second Signal at time of occurrence of first
[NASA-CASE-MSC-14066-1] c10 N73-10269	signal
Characteristics of digital data processor using	[NASA-CASE-XMF-00701] c09 N70-40272
pulse from clock source to derive binary singles to show state of various indicators in	Automatic estimation of signal to moise ratio and other parameters in signal communication
processor	systems
[NASA-CASE-GSC-10975-1] COS N73-13187	[NASA-CASE-XNP-05254] c07 N71-20791
Characteristics of two channel telemetry system	Voltage controlled oscillators and pulse
with two data rate channels for high and low	amplitude modulation for signal ratio system
data rate communication [NASA-CASE-NPO-11572] c07 N73-16121	[NASA-CASE-XMF-04367] c09 N71-23545 Design and characteristics of recording system
Pulse stretcher for processing narrow pulses	for selective reprocessing and filtering of
between pulse generators and conventional	
	data to obtain optimum signal to noise ratios
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Development of idler feedback system to reduce	SILICIDES
electronic noise problem in the parametric	Silicide coating process and composition for
. amplifiers	protection of refractory metals from oxidation [NASA-CASE-XLE-10910] c18 N71-29040
[NASA-CASE-LAR-10253-1] c09 N72-25258	[NASA-CASE-XLE-10910] C18 N71-29040 Improved silicide coatings for refractory metals
Superconductive resonant cavity for improved signal to noise ratio in communication signal	employed in space shuttles and gas turbine
[NASA-CASE-HSC-12259-2] c07 N72-33146	engine components
Signal to noise ratio determination circuit	[NASA-CASE-LBH-11179-1] c17 N73-22474
using bandpass limiter	SILICOR
[NASA-CASE-GSC-11239-1] c10 N73-25241	Hethod of forming thin window drifted silicon
Gated compressor, distortionless signal limiter	charged particle detector
[NASA-CASE-NPO-11820-1] c07 N74-19788	[NASA-CASE-XLE-00808] C24 N71-10560
IGNAL TRANSHISSION	Gadolinium or samarium doped-silicon
Synchronizing apparatus for multi-access	semiconductor material with resistance to radiation damage for use in solar cells
satellite time division multiplex system [NASA-CASE-KGS-05918] c07 N69-39974	[NASA-CASE-RLE-10715] C26 N71-23292
Blectro-mechanical circuit for converting	Metal pattern bonding technique for cover glass
floating intelligence signal to common	attachment to silicon solar cells for space
electrically grounded intelligence recorder	applications
[NASA-CASE-XAC-00086] c09 N70-33182	[NASA-CASE-XLE-08569] c03 N71-23449
Demodulator for simultaneous demodulation of two	SILICON CARBIDES
modulating ac signal carriers close in frequency	Deposition method for epitaxial beta SiC films
[NASA-CASE-XMP-01160] c07 N71-11298	having high degree of crystallographic perfection
Bipolar phase detector and corrector for split phase PCM data signals	[NASA-CASE-ERC-10120]
[NASA-CASE-XGS-01590]	Producing high purity silicon carbide on carbon
Automatic estimation of signal to noise ratio	base by hydrogen reduction of silicon
and other parameters in signal communication	tetrachloride
systems	[NASA-CASE-XLA-00158] C26 N70-36805
[NASA-CASE-XNP-05254] c07 N71-20791	Device for producing high purity silicon carbide
Multiplexed communication system design	on carbon base by hydrogen reduction of
including automatic correction of transmission	silicon tetrachloride NASA-CASE-XLA-020571
errors introduced by frequency spectrum shifts [NASA-CASE-XNP-01306] . c07 N71-20814	[NASA-CASE-XLA-02057] C26 N70-40015 SILICON COMPOUNDS
Adaptive notch filter, using modulation	Doping silicon material with gadolinium to
techniques for reversed phase noise signal	increase radiation resistance of solar cells
[NASA-CASE-XMP-01892] c10 N71-22986	[NASA-CASE-XLE-02792] c26 N71-10607
Pulse generator for synchronizing or resetting	Process for preparing disilanols with in-chain
electronic signals without requiring separate	perfluoroalkyl groups
external source	[NASA-CASE-MFS-20979-2] c06 N73-32030
[NASA-CASE-IGS-03632] c09 N71-23311	SILICON CONTROLLED RECTIFIERS Use of silicon controlled rectifier shorting
Device for locating electrically nonlinear objects and determining distance to object by	circuit to protect thermoelectric generator
FM signal transmission	source from thermal destruction
[NASA-CASE-KSC-10108] c14 N73-25461	[NASA-CASE-XGS-04808] c03 N69-25146
Phase modulation of tone and binary signals on	Silicon controlled rectifier inverter with
carrier waves in communication systems	compensation of transients to avoid false gating
[NASA-CASB-GSC-11743-1] c07 N73-27107	[NASA-CASE-XLA-08507]
Television multiplexing system, using single	Reversible ring counter using cascaded single silicon controlled rectifier stages
crystal controlled clock for signal synchronization	[NASA-CASE-XGS-01473] c09 N71-10673
[NASA-CASE-KSC-10654-1] c07 N73-30115	Silicon controlled rectifier pulse gate
Aircraft mounted crash location transmitter for	amplifier for blocking false gating caused by
emergency signal transmission after crashes	negative transient voltages
[NASA-CASE-NFS-16609-2] CO7 N73-31084	[NASA-CASE-XLA-07497] c09 N71-12514
Controlled oscillator system with a time	SILICON DIOXIDE
dependent output frequency [NASA-CASE-NPO-11962-1] c09 N74-10194	Intermittent type silica gel adsorption
[NASA-CASE-NPO-11962-1] CO9 N74-10194 Digital transmitter for data bus communications	refrigerator for providing temperature control for spacecraft components
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[NASA-CASE-ESC-14558-1] C07 N74-17888	Nose come mounted heat resistant antenna
Pulse code modulated signal synchronizer	comprising plurality of adjacent layers of
[NASA-CASE-HSC-12462-1] c07 N74-20809	silica not introducing paths of high thermal
Pulse code modulated signal synchronizer	conductivity through ablative shield [NASA-CASE-YMS-04312] c07 N71-22984
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IGNALS Electronic signal-handling circuit with constant	[NASA-CASE-ARC-10721-1] c18 N74-14230
input impedance	Method and apparatus for stable silicon dioxide
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Photoconducting semiconductor system for	ambient
converting stored optical images into wideo	[NASA-CASE-ERC-10073-1] c06 N74-19769
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ILANES Preparation of elastomeric diamine silazane	having high degree of crystallographic perfection
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[NASA-CASE-NPO-11133]	c10 N72-20223	Nonreuseable energy absorbing device ring member with plurality of rec	e comprising
Brushless electromechanical genera	tor for sine	cutting members, and guide member	
and cosine functions [NASA-CASE-LAR-11389-1]	c09 N73-32121	each recess	_
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Tool exchange capabilities of portable wrench	SOLAR ACTIVITY
characterized by telescopic sleeve [NASA-CASE-MFS-22283-1] c15 N73-30462	Computation method and apparatus for predicting solar flares by correlating planetary
SLREDER BODIES	ephemeris data with gravitational force
Support techniques for restraint of slender bodies such as launch vehicles	effects on sun [NASA-CASE-ERC-10323-1] c30 N70-22183
[NASA-CASE-XLA-02704] c11 N69-21540	Radiometric measuring system for solar activity
SLIDING CONTACT	and atmospheric attenuation and emission
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[NASA-CASE-XMF-04238] c09 N69-39734	Deployable captilever support for deploying
Development of slip ring assembly with inner and outer peripheral surfaces used as electrical	solar cell arrays aboard spacecraft and reducing transient loading
contacts for brushes	[NASA-CASE-NPO-10883] c31 N72-22874
[NASA-CASE-XHF-01049] c15 N71-23049	Rectrical interconnection of unilluminated
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[NASA-CASE-XNP-00476] c15 N70-38620	and mounting on flexible substrate
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[NASA-CASE-LAR-10409-1] c15 N74-21059	Fabricating solar cells with dielectric layers
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Planar array circularly polarized antenna with wall slot excitation	Solar radiation direction detector and device
[NASA-CASE-NPO-10301] c07 N72-11148	for compensating degradation of photocells
Omnidirectional antenna array with circumferential slots for mounting on	[NASA-CASE-XLA-00183] c14 N70-40239 Attitude control system for spacecraft based on
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polarized pair of elements	[NASA-CASE-INP-02982] c31 N70-41855 Simulating voltage-current characteristic curves
[NASA-CASE-ERC-10214] c09 N72-31235	of solar cell panel with different operational
Turnstile slot antenna [NASA-CASE-GSC-11428-11	parameters [NASA-CASE-XMS-01554] c10 N71-10578
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Belleville spring assembly with elastic guides having low hysteresis	increase radiation resistance of solar cells [NASA-CASE-KLE-02792] c26 N71-10607
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[NASA-CASE-GSC-11214-1] c06 N73-13128 SOFT LANDING	[NASA-CASE-XNP-00826] c03 N71-20895 Gallium arsenide solar cell preparation by
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Graded band gap p-n junction gallium	Modifying existing solar cells for temperature
arsenide/gallium aluminum arsenide solar cell [NASA-CASE-LAR-11174-1] c03 N73-26047	control [NASA-CASE-NPO-10109]
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Concentrator device for controlling direction of solar energy onto energy converters	coatings
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[NASA-CASE-NNP-03459] 615 N71-21078	propellant motor insulation against thermal
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Describing apparatus for manufacturing	[NASA-CASE-MSC-12391] c30 N73-12884
operations in low and zero gravity	Spacecraft configurations and aerodynamic
environments of orbital space flight [NASA-CASE-MFS-20410] c15 N71-19214	characteristics of space shuttle systems with two reusable stages
Space erectable rollup solar array of arcuate	(NASA-CASE-MSC-12433) c31 N73-14854
solar panels furled on tapered drum for	Improved silicide coatings for refractory metals
spacecraft storage during launch [NASA-CASE-NPO-10188] c03 N71-20273	employed in space shuttles and gas turbine engine components
Self execting parabolic reflector design for use	[NASA-CASE-LEW-11179-1] c17 N73-22474
in Space	Development and characteristics of variable
[NASA-CASE-XMS-03454] c09 N71-20658 Pneumatic cantilever beams and platform for	ratio, mixed-mode, bilateral master-slave control system for space shuttle remote
space erectable structure	manipulator system
[NASA-CASE-XLA-01731] c32 N71-21045	[NASA-CASE-MSC-14245-1]
Hydraulic actuator design for space deployment of heat radiators	SPACE SINULATORS Space simulator with uniform test region
[NASA-CASE-MSC-11817-1] c15 N71-26611	radiation distribution, adapted to simulate
Space expandable tether device for use as passageway between two docked spacecraft	Venus solar radiations [NASA-CASE-INP-00459] c11 N70-38675
[NASA-CASE-XHS-10993] c15 N71-28936	Variable geometry manned orbital wehicle having
Expandable space frames with high expansion to	high aerodynamic efficiency over wide speed
collapse ratio [NASA-CASE-ERC-10365-1]	range and incorporating auxiliary pivotal uings [NASA-CASE-XLA-03691] c31 N71-15674
SPACE EXPLORATION	Development of method and equipment for testing
Self-propelled vehicle with wheel, track laying,	heat radiative properties of material under
and walking capability for exploratory expolaration	controlled environmental conditions [NASA-CASE-MPS-20096] c14 N71-30026
[NASA-CASE-NPO-11366] c11 N73-26238	SPACE STATIONS
SPACE PLIGHT	Manned space station launched in packaged
Portable environmental control and life support system for astronaut in and out of spacecraft	condition and self erecting in orbit [NASA-CASE-XLA-00258] c31 N70-38676
[NASA-CASE-XMS-09632-1] c05 N71-11203	Multiple in-line docking capability having
Television simulation for aircraft and space	intermeshing docking turrets for rotating
flight [NASA-CASE-XFR-03107]	space stations [NASA-CASE-MFS-20855-1] c31 N72-25853
SPACE HAINTENANCE	SPACE SUITS
System for removing and repairing spacecraft	Astronaut restraint suit for high acceleration
control thrusters by use of portable air locks [NASA-CASE-MFS-20325] c28 N71-27095	protection [NASA-CASE-XAC-00405]
SPACE HANDFACTURING	Space suit with pressure-volume compensator system
Application of acoustic transducers for suspending object at center of chamber under	[NASA-CASE-XLA-05332] c05 N71-11194 Equipotential space suits utilizing mechanical
near reightless conditions	aids to minimize astronaut energy at bending
[NASA-CASE-NPO-13263-1] c15 N73-31443	joints
SPACE HISSIONS Planetary atmospheric investigation using split	[NASA-CASE-LAR-10007-1] c05 N71-11195 One piece human garment for use as contamination
trajectory dual flyby mode	proof garment
[NASA-CASE-XAC-08494] c30 N71-15990	[NASA-CASE-MSC-12206-1] . c05 N71-17599
Elimination of tracking occultation problems occurring during continuous monitoring of	Space environmental work simulator with portions of space suit mounted to wacuum chamber wall
interplanetary missions by using Earth	[NASA-CASE-XMF-07488] c11 N71-18773
orbiting communications satellite [NASA-CASE-XAC-06029-1] c31 N71-24813	Space suit body heat exchanger design composed of thermal conductance yarn and liquid coolant
Design and development of space shuttle system	loops
for delivering payload to earth orbit or	[NASA-CASE-XMS-09571] c05 N71-19439
celestial orbit [NASA-CASE-MSC-12391] c30 N73-12884	Conditioning suit for normal function of astronaut cardiovascular system in gravity
SPACE NAVIGATION	environment
Electrical and electromechanical trigonometric	[NASA-CASE-NLA-02898] C05 N71-20268
computation assembly and space vehicle quidance system for aligning perpendicular	Space suit using nonflexible material with low leakage and providing protection against
axes of two sets of three-axes coordinate	thermal extremes, physical punctures, and
references. [NASA-CASE-XNF-00684] c21 N71-21688	radiation with high mobility articulation [NASA-CASE-XAC-07043] c05 N71-23161
Homentum wheel design for spacecraft attitude	[NASA-CASE-XAC-07043] c05 N71-23161 Sealing evacuation port and evacuating vacuum
control and magnetic drum and head system for	container such as space jackets
data storage [NASA-CASE-NPO-11481]	[NASA-CASE-MMF-03290] c15 N71-23256 Structure of fabric layers for micrometeoroid
Method for producing reticles for use in outer	protection garment with capability for
space	eliminating heat shorts for use in
[NASA-CASE-GSC-11188-2] c21 N73-19630 SPACE ORIENTATION	manufacturing space suits [NASA-CASE-MSC-12109] c16 N71-26285
Sensing method and device for determining	Venting device for pressurized space suit helmet
orientation of space vehicle or satellite by	to eliminate vomit expelled by creumen
using particle traps [NASA-CASE-XGS-00466] C21 N70-34297	[NASA-CASE-IMS-09652-1] c05 N71-26333 Automatic control device for regulating inlet
SPACE BENDEZVOUS	water temperature of liquid cooled spacesuit
Nethod and apparatus for connecting two spacecraft with probe of one inserted in	[NASA-CASE-MSC-13917-1] co5 N72-15098
rocket engine nozzle of other spacecraft	Pressure regulator for space suit worn underwater to simulate space environment for
[NASA-CASE-MFS-11133] c31 N71-16222	testing and experimentation
SPACE SHOTTLES Designing spacecraft for flight into space,	[NASA-CASE-HFS-20332] cos N72-20097
atmospheric reentry, and landing at selected	Space suit with improved waist and torso movement [NASA-CASE-ARC-10275-1] c05 N72-22092
sites	Underwater space suit pressure control regulator
[NASA-CASE-YAC-02058] c02 N71-16087 Design and development of space shuttle system	[NASA-CASE-MFS-20332-2] c05 M7.3-25125 Automatic temperature control for liquid cooled
for delivering payload to earth orbit or	space suit
celestial orbit	[NASA-CASE-ARC-10599-1] c05 N73-26071

Process for developing flame retardant	Turnstile slot antenna [NASA-CASE-GSC-11428-1] c09 N74-20864
elastomeric composition textiles for use in	
space suits	SPACECRAPT COMPONENTS Rectangular electric conductors for conductor
Chick-Cick-MSC-14331-11 C78 N/3-2/501	Rectangular electric conductors for conductor
Intra- and extravehicular life support space	cables to withstand spacecraft vibration and
suite for Apollo astronauts	controlled atmosphere [NASA-CASE-MFS-14741] c09 N70-20737
[NASA-CASE-MSC-12609-1] c05 N73-32012	[NASA-CASE-MFS-14741] CO9 N/0-20737 Vibration damping system operating in low vacuum
SPACE VEHICLE CHECKOUT PROGRAM	vibration damping system operating in low vacada
Hydraulic support apparatus for dynamic testing	environment for spacecraft mechanisms
of space vehicles under near-free flight	[NASA-CASE-XMS-01620]
conditions	Intermittent type silica gel adsorption
TNASA_CASR-YMF-03248] C11 N71-10604	refrigerator for providing temperature control
Digital computer system for automatic prelaunch	for spacecraft components
checkout of spacecraft	[NASA-CASE-XNP-00920] c15 N71-15906
INASA-CASE-XKS-08012-27 C31 N71-15566	Omnidirectional anisotropic molecular trap, used
Developing high pressure das purification and	with vacuum pump to simulate space
filtration system for use in test operations	environments for testing spacecraft components
of space vehicles	[NASA-CASE-XGS-00783] c30 N71-17788
[NASA-CASE-MFS-12806] C14 N71-17588	spacecraft air lock system to provide ingress
CDACECDAFT .	and egress of astronaut without subjecting
Metal strip mounting arrangement for solar cell	vehicular environment to vacuum of space
arrays on spacecraft	[NASA-CASE-XLA-02050] c31, N71-22968
FNASA-CASE-XGS-01475] C03 N71-11058	Development and characteristics of docking
Attitude sensor with scanning mirrors for	structure and apparatus for spacecraft docking
detecting orientation of space vehicle with	[NASA-CASE-XMF-05941] C31 N71-23912
respect to planet	Design and development of release mechanism for
[NASA-CASE-XLA-00793] C21 N71-22880	spacecraft components, releasable despin
Negation of magnetic fields produced by thin	weights, and extensible gravity booms
waferlike circuit elements in space vehicles	[NASA-CASE-XGS-08718] c15 N71-24600
[NASA-CASE-XGS-03390] C03 N71-23187	Space environment simulator for testing
Low mass ionizing device for use in electric	spacecraft components under aerospace conditions
thrust spacecraft engines	[NASA-CASE-NPO-10141] c11 N71-24964
[NASA-CASE-XNP-01954] C28 N71-28850	Design and development of spacecraft with outer
Vacuum chamber with scale model of rocket engine	shell structure heat shielding and built-in,
base area of space vehicle	removable excursion module
[NASA-CASE-MFS-20620] c11 N72-27262	[NASA-CASE-HSC-13047-1] c31 N71-25434
Particulate and solar radiation stable coating	Electronic detection system for peak
for spacecraft	acceleration limits in vibrational testing of
[NASA-CASE-LAR-10805-1] C18 N74-16246	spacecraft components
SPACECRAFT ANTENNAS	[NASA-CASE-NPO-10556] c14 N71-27185
Low loss parasitic probe antenna for prelaunch	Development of solid state polymer coating for
tests of spacecraft antennas	obtaining thermal balance in spacecraft
[NASA-CASE-XKS-09348] C09 N71-13521	components
Millimeter wave antenna system for spacecraft use	[NASA-CASE-XLA-01745] C33 N71-28903
[NASA-CASE-GSC-10949-1] C07 N71-28965	Development of apparatus for mounting scientific
Low weight, integrated thermoelectric	experiments in spacecraft to permit
generator/antenna combination for spacecraft	utilization without maneuvering spacecraft
[NASA-CASE-XER-09521] c09 N72-12136	[NASA-CASE-MSC-12372-1] G31 N72-25842
Omnidirectional antenna array with	Squib actuated disconnect for spacecraft
circumferential slots for mounting on	coupling to launch vehicle
cylindrical space vehicle	[NASA-CASE-NPO-13172-1] c33 N73-17917
[NASA-CASE-LAR-10163-1] C09 N72-25247	Development and characteristics of supporting
Furlable antenna for spacecraft	frame to isolate payloads from
[NASA-CASE-NPO-11361] CO7 N72-32169	multi-gravitational forces
Collapsible support for antenna reflector	[NASA-CASE-MYS-21680-1] c15 N73-20525
applied to installation of spacecraft antennas	Development and characteristics of variable
[NASA-CASE-NPO-11751] CO7 N73-24176	ratio, mixed-mode, bilateral master-slave
SPACECRAPT CABIN ATMOSPHERES	control system for space shuttle remote
Thermal control wall panel with application to	manipulator system
spacecraft cabins	[NASA-CASF-MSC-14245-1] c31 N73-30832
[NASA-CASE-XLA-01243] c33 N71-22792	SPACECRAPT CONFIGURATIONS
Nonflammable coating compositions for use in	Inflatable honeycomb panel element for
high oxygen environments	lightweight structures usable in space
[NASA-CASE-MFS-20486-2] c18 N74-17283	stations and other construction [NASA-CASE-XLA-00204] c32 N70-36536
SPACECRAFT COMMUNICATION	
Synchronizing apparatus for multi-access	Lenticular vehicle with foldable aerodynamic
satellite time division multiplex system	control flaps and reaction jets for operation
[NASA-CASE-XGS-05918] c07 N69-39974	above and within earth's atmosphere
Phase shift data transmission system with	[NASA-CASE-XGS-00260] c31 N70-37924
pseudo-noise synchronization code modulated	Stage separation system for spinning vehicles
with digital data into single channel for	and payloads
spacecraft communication	[NASA-CASE-XLA-02132] c31 N71-10582
[NASA-CASE-XNP-00911] c08 N70-41961	Design and configuration of aerospace vehicle
Design and development of tracking receiver for	for performing earth orbit mission and
tracking satellites and receiving radio signal	returning to preselected landing site
transmissions under adverse noise conditions	[NASA-CASE-MPS-21527] c31 h72-15781
[NASA-CASE-XGS-08679] c10 N71-21473	Spacecraft configurations and aerodynamic
Microwave ominidirectional antenna for use on	characteristics of space shuttle systems with
spacecraft	two reusable stages
[NASA-CASE-XLA-03114] 609 N71-22888	[NASA-CASE-MSC-12433] G31 N73-14854
VHF/UHF parasitic probe antenna for spacecraft	A space vehicle
Communication	[NASA-CASE-MFS-22734-1] C31 N74-20541
[NASA-CASE-XKS-09340] 607 N71-24614	SPACECRAFT CONSTRUCTION MATERIALS
System designed to reduce time required for	Pressurized cell micrometeoroid detector
obtaining synchronization in data	[NASA-CASE-XLA-00936] c14 N71-14996
communication with spacecraft utilizing	Plexible barrier membrane comprising porous
pseudonoise codes	substrate and incorporating liquid gallium or
[NASA-CASE-NPO-10214] c10 N71-26577	indium metal used as sealant barriers for
	spacecraft walls and pumping liquid propellants

PACECRAFT CONTROL	17 k71-28747	Design and configuration of aeros for performing earth orbit miss	ion and
Light sensitive digital aspect sensor		returning to preselected landing	g site
attitude control of earth satellites	s or space	[NASA-CASE-MFS-21527]	c31 N72-15781
probes	40 070 20400	Spacecraft design with single poi	
	14 N70-34158	and hydrodynamic stability for transport of men from space sta	
Spacecraft attitude control system us: and earth sensors, gyroscopes, and		splashdown	CION LO
	21 N70-35395	[NASA-CASE-MSC-13281]	c31 N72-18859
Bultiple parachute system for landing		A space vehicle	
Apollo type spacecraft		[NASA-CASE-MPS-22734-1]	c31 N74-20541
	02 N70-36804	SPACECRAFT DOCKING	
Attitude control device for space vehi		Probe and droque assembly for med	hanical linking
	21 N70-36938	of two space vehicles	c31 N71-16346
Attitude orientation control of spin a		[NASA-CASE-IMS-03613] Development and characteristics o	
final∜stage space vehicles, using he scanners	011201	structure and apparatus for spa	
	21 N70-36943	[NASA-CASE-XMF-05941]	c31 N71-23912
Aerodynamic configuration of reentry		Latch for fastening spacecraft do	cking rings
heat shield to provide longitudinal	and	[NASA-CASE-MSC-15474-1]	c15 N71-26162
directional stability at hypersonic		Multiple in-line docking capabili	
	31 N70-41631	intermeshing docking turrets fo	r rotating
Star sensor system for roll attitude of spacecraft	CONTROL OF	space stations [NASA-CASE-MFS-20855-1]	c31 N72-25853
	21 N70-41856	Fail safe latching mechanism for	
Photomultiplier detector of Canopus for		docking	•
spacecraft attitude control		[NASA-CASE-HSC-12549-1]	c15 N73-11443
	21 N71→10771	High energy absorption docking sy	stem design for
Development of spacecraft experiment	pointing	docking large spacecraft	24 922 26226
and attitude control system	04 874 48430	[NASA-CASE-HFS-20863]	c31 N73-26876
[NASA-CASE-XLA-05464] c. Development of attitude control system	21 N71-14132	Development of spacecraft docking optical alignment of spacecraft	
spacecraft orientation	i lor	television camera system	aning
	21 N71-14159	[NASA-CASE-MSC-12559-1]	c31 N73-26879
Drive mechanism for operating reactan	ce attitude	SPACECRAFT BLECTRONIC EQUIPMENT	
control system for aerospace bodies		Equipment for testing of ground s	
	21 N71+15583	equipment and spacecraft transp	c07 N71-12391
Attitude detection system using stellar references for three-axis control as		[NASA-CASE-XMS-05454-1] Describing apparatus used in wacu	
stabilized spacecraft	na spra	of thin film inductive windings	
	21 N71-15642	microcircuitry	•
Large amplitude, linear inertial refer	rence	[NASA-CASE-XMF-01667]	c15 N71-17647
system of wibrating string type for	spacecraft	Nose cone mounted heat resistant	
reference plane	23 N71-16098	comprising plurality of adjacen silica not introducing paths of	
[NASA-CASE-XAC-03107] c. Construction and method of arranging		conductivity through ablative s	
of ion engines to form cluster there		[NASA-CASE-XMS-04312]	c07 N71-22984
increasing efficiency and control by	У	SPACECRAFT ENVIRONMENTS	
decreasing heat radiated to space	00 484 00004	Portable environmental control an	
[NASA-CASE-XNP-02923] c. Ion beam deflector system for electron	28 N71-23081	system for astronaut in and out [NASA-CASE-XMS-09632-1]	c05 N71-11203
vector control for ion propulsion y		Quick disconnect latch and handle	
and roll forces	,,	for mounting articles on walls	
[NASA-CASZ-LEH-10689-1] c	28 N71-26173	bases in spacecraft under zero	gravity
Heated porous plug microthrustor for		conditions	
reaction jet controlled systems suc		[NASA-CASE-MFS-11132]	c15 N71-17649
flow regulation, propellant disasso	Clation,	Dual solid cryogens for spacecraf insuring low temperature cooling	
and heat transfer augmentation [NASA-CASE-GSC-10640-1] c	28 N72-18766	periods	d tot excenden
Development of thrust control system		[NASA-CASE-GSC-10188-1]	c23 N71-24725
application to control of aircraft		Dual stage check valve for cryoge	
spacecraft		systems used in space flight en	.vironmental
	21 N72-25595	control system	-45 822 20050
PACECRAFT DESIGN Lunar landing flight research vehicle		[NASA-CASE-MSC-13587-1] Metering gun for dispensing preci	c15 N73-30459
	31 N70-34966	charges of fluid	seri measured
Design and configuration of manned sp		[NASA-CASE- MFS-21163-1]	c05 N74-17853
[NASA-CASE-XLA-01332] c	31 N71-15664	SPACECRAFT GUIDANCE	
Development of spacecraft radiator co		Automatic ejection valve for atti	
[NASA-CASE-HSC-12049] C	31 N71-16080	and midcourse guidance of space	
Method and apparatus for connecting t	ed in	[NASA-CASE-INP-00676]	c15 N70-38996
spacecraft with probe of one insert rocket engine nozzle of other space	ed in craft	Electrical and electromechanical computation assembly and space	
	31 N71-16222	gnidance system for aligning pe	
Development and characteristics of pr	otective	axes of two sets of three-axes	coordinate
coatings for spacecraft		references	
[NASA-CASE-XNP-02507] c	31. N71-17679	[NASA-CASE-XMP-00684]	c21 N71-21688
pevelopment and characteristics of se supporting space vehicle	TI	Design and characteristics of dev	
<pre>supporting space venicle {NASA-CASE-XLA-00117] c</pre>	31 N71-17680	solar radiation and providing s attitude control to maintain di	
#ulti-mission space vehicle module st		respect to incident radiation	LLOCAUN DACH
r nasa-case-xar-01543] c	31 N71-17730	[NASA-CASE-XNP-05535]	c14 N71-23040
Development and characteristics of do	cking	Inertial gimbal alignment system	
structure and apparatus for spacecr	aft docking	guidance	
[NASA-CASE-XNF-05941] c	31 N71-23912	[NASA-CASE-XMF-01669]	c21 N71-23289
Design and development of spacecraft shell structure heat shielding and	built-in.	Hermetically sealed vibration dam use in gimbal assembly of space	
removable excursion module		guidance system	orare inclini
	31 N71-25434	[NASA-CASE-HSC-10959]	c15 N71~26243
	I-16	51	

SPACECRAFT INSTRUMENTS	[NASA-CASE-GSC-11444-1] C14 N73-28490
Mechanical coordinate converter for use with	Spacecraft attitude sensing system design with
spacecraft tracking antennas	parrow field of view sensor rotating about
[NASA-CASE-XNP-00614] c14 N70-36907 Air bearings for spacecraft gyros	spacecraft x-y axis [NASA-CASE-GSC-10890-1] c21 N73-30640
[NASA-CASE-XMF-00339] c15 N70-39896	SPACECRAPT POWER SUPPLIES
Unfolding boom assembly with knuckle joints for	Spacecraft battery seals
positioning equipment for spacecraft	[NASA-CASE-XGS-03864] c15 N69-24320
[NASA-CASE-XGS-00938] c32 N70-41367	Electrical power system for space flight
Pressurized cell micrometeoroid detector [NASA-CASE-XLA-00936] c14 N71-14996	vehicles operating over extended periods [NASA-CASE-XMF-00517] c03 N70~34157
Guidance analyzer having suspended spacecraft	Lightweight, rugged, inexpensive satellite
simulating sphere for astronavigation	battery for producing electrical power from
[HASA-CASE-XNP-09572] c14 N71-15621	ionosphere using electrodes with different
Inertial component clamping assembly design for	contact potentials
spacecraft guidance and control system mounting [NASA-CASE-XMS-02184] c15 N71-20813	[NASA-CASE-XGS-01593] c03 N70-35408 Design and development of electric generator for
Optical projector system for establishing	space power system
optimum arrangement of instrument displays in	[NASA-CASE-XLE-04250] c09 N71-20446
aircraft, spacecraft, other vehicles, and	Monostable multivibrator for conserving power in
industrial instrument consoles	Spacecraft systems
[NASA-CASE-XNP-03853] C23 N71-21882 Combined optical attitude and altitude	[NAŞA-CASE-GSC-10082-1] c10 N72-20221 Control circuit for nuclear thermionic converter
indicating instrument for use in aircraft or	power source for spacecraft
spacecraft	(NASA-CASE-NPO-13114-1) c22 N73-13656
[NASA-CASE-XLA-01907] c14 N71-23268	Rectangular solar cell stacked panels to
Spacecraft transponder and ground station radar	generate electrical power aboard spacecraft
system for mapping planetary surfaces [NASA-CASE-NPO-11001] c07 N72-21118	[NASA-CASE-NPO-11771] c03 N73-20040 Thermoelectric power system for outer planet
Method and apparatus for providing active	space flight
attitude control for spacecraft by converting	[NASA-CASE-MFS-22002-1] c03 N74-18726
any attitude motion of vehicle into simple	SPACECRAFT PROPULSION
rotational motion	Colloidal particle generator for electrostatic
[NASA-CASE-HQN-10439] c21 N72-21624 Star scanner for spin-stabilized spacecraft	engine for propelling space vehicles [NASA-CASE-XLE-00817] c28 N70-33265
[NASA-CASE-GSC-11569-1] c14 N73-11404	Spacecraft trajectory correction propulsion system
Design and development of thermomechanical pump	[NASA-CASE-XNP-01104]
for transmitting warming fluid through fluid	Permanently magnetized ion engine casing
circuit to control temperature of spacecraft instrumentation	construction for use in spacecraft propulsion systems
[NASA-CASE-NPO-11417] c15 N73-24513	[NASA-CASE-INP-06942]
Deployable pressurized cell structure for a	Development of voice operated controller for
micrometeoroid detector	controlling reaction jets of spacecraft
[NASA-CASE-LAR-10295-1] c15 N74-21062 SPACECRAFT LANDING	[NASA-CASE-ILA-04063] c31 N71-33160
Non-reusable kinetic energy absorber for	SPACECRAPT RECOVERY Assembly for opening flight capsule stabilizing
application in soft landing of space vehicles	and decelerating flaps with reference to
[NASA-CASE-XLE-00810] c15 N70-34861	capsule recovery
Plastic foam generator for space vehicle	[NASA-CASE-XMF-00641] c31 N70-36410
instrument payload package flotation in water landing	Method for deployment of flexible wing glider
[NASA-CASE-XLA-00838] c03 N70-36778	from space vehicle with minimum impact and loading
Device for use in descending spacecraft as	[NASA-CASE-IMS-00907] c02 N70-41630
altitude sensor for actuating deceleration	SPACECRAPT REENTRY
retrorockets	Manned space capsule configuration for orbital
[NASA-CASE-XMS-03792] c14 N70-41812 SPACECRAFT LAURCHIRG	flight and atmospheric reentry [NASA-CASE-XLA-00149] c31 N70-37938
Three stage motion restraining mechanism for	Event recorder with constant speed motor which
restraining and damping three dimensional	rotates recording disk
vibrational movement of gimballed package	[NASA-CASE-XLA-01832] c14 N71-21006
during launch of spacecraft	SPACECRAFT SHIELDING
[NASA-CASE-GSC-10306-1] c15 N71-24694 Development and characteristics of squib	Development and characteristics of protective coatings for spacecraft
actuated explosive disconnect for spacecraft	[NASA-CASE-INP-02507] G31 N71-17679
release from launch vehicle	Double-wall isothermal cylinder containing heat
[NASA-CASE-NPO-11330] c33 N73-26958	transfer fluid thermal reservoir as spacecraft
SPACECRAFT MODELS Space environment simulation system for	insulation cover
measuring spacecraft electric field strength	[NASA-CASE-MFS-20355] c33 N71-25353 Binder stabilized zinc oxide pigmented coating
in plasma sheath	for spacecraft thermal control
[NASA-CASE-XLE-02038] c09 N71-16086	
	[NASA-CASE-XMP-07770-2] c18 N71-26772
SPACECRAFT MODULES	SPACECRAPT STABILITY
Radial module manned space station with	SPACECRAFT STABILITY Satellite stabilization reaction wheel scanner
Radial module manned space station with artificial gravity environment	SPACECRAFT STABILITY Satellite stabilization reaction wheel scanner [NASA-CASE-XGS-02629] c14 N71-21082
Radial module manned space station with artificial gravity environment [NASA-CASE-XMS-01906]	SPACECRAPT STABILITY Satellite stabilization reaction wheel scanner [NASA-CLSE-XGS-02629] Development and characteristics of annular nomentum control device for two axis
Radial module manned space station with artificial gravity environment [NASA-CASE-MMS-01906] c31 N70-41373 Multi-mission space vehicle module stage design [NASA-CASE-MMF-01543] c31 N71-17730	SPACECRAPT STABILITY Satellite stabilization reaction wheel scanner [NASA-CASE-XGS-02629] c14 N71-21082 Development and characteristics of annular nomentum control device for two axis stabilization of spacecraft
Radial module manned space station with artificial gravity environment [NASA-CASE-XMS-01906] c31 N70-41373 Multi-mission space vehicle module stage design [NASA-CASE-XMF-01543] c31 N71-17730 Design and development of spacecraft with outer	SPACECRAFT STABILITY Satellite stabilization reaction wheel scanner [NASA-CASE-XGS-02629] c14 N71-21082 Development and characteristics of annular nomentum control device for two axis stabilization of spacecraft [NASA-CASE-LAE-11051-1] c21 N73-28646
Radial module manned space station with artificial gravity environment [NASA-CASE-XMS-01906]	SPACECRAPT STABILITY Satellite stabilization reaction wheel scanner [NASA-CASE-XGS-02629] Development and characteristics of annular nomentum control device for two axis stabilization of spacecraft [NASA-CASE-LAR-11051-1] Attitude sensor
Radial module manned space station with artificial gravity environment [NASA-CASE-XMS-01906] Multi-mission space vehicle module stage design [NASA-CASE-XMF-01543] c31 N71-17730 Design and development of spacecraft with outer shell structure heat shielding and built-in, removable excursion module [NASA-CASE-MSC-13047-1] c31 N71-25434	SPACECRAFT STABILITY Satellite stabilization reaction wheel scanner [NASA-CASE-XGS-02629] c14 N71-21082 Development and characteristics of annular nomentum control device for two axis stabilization of spacecraft [NASA-CASE-LAE-11051-1] c21 N73-28646
Radial module manned space station with artificial gravity environment [NASA-CASE-XMS-01906] Multi-mission space vehicle module stage design [NASA-CASE-XMF-01543] Design and development of spacecraft with outer shell structure heat shielding and built-in, removable ercursion module [NASA-CASE-MSC-13047-1] Development and characteristics of thermal	SPACECRAFT STABILITY Satellite stabilization reaction wheel scanner [NASA-CASE-XGS-02629] c14 N71-21082 Development and characteristics of annular nomentum control device for two axis stabilization of spacecraft [NASA-CASE-LAR-11051-1] c21 N73-28646 Attitude sensor [NASA-CASE-LAR-10586-1] c14 N74-15089 SPACECRAFT STRUCTURES Collapsible, space erectable loop antenna system
Radial module manned space station with artificial gravity environment [NASA-CASE-XMS-01906] Multi-mission space vehicle module stage design [NASA-CASE-XMF-01543] Design and development of spacecraft with outer shell structure heat shielding and built-in, removable ercursion module [NASA-CASE-MSC-13047-1] Development and characteristics of thermal control system for maintaining constant	SPACECRAPT STABILITY Satellite stabilization reaction wheel scanner [NASA-CASE-XGS-02629] Development and characteristics of annular nomentum control device for two axis stabilization of spacecraft [NASA-CASE-LAR-11051-1] Attitude sensor [NASA-CASE-LAR-10586-1] SPACECRAPT STRUCTURES Collapsible, space erectable loop antenna system for space vehicle
Radial module manned space station with artificial gravity environment [NASA-CASE-XMS-01906]	SPACECRAPT STABILITY Satellite stabilization reaction wheel scanner [NASA-CASE-XGS-02629] Development and characteristics of annular nomentum control device for two axis stabilization of spacecraft [NASA-CASE-LAR-11051-1] Attitude sensor [NASA-CASE-LAR-10586-1] C14 N74-15089 SPACECRAPT STRUCTURES Collapsible, space erectable loop antenna system for space vehicle [NASA-CASE-XMF-00437] C07 N70-40202
Radial module manned space station with artificial gravity environment [NASA-CASE-XMS-01906] Bulti-mission space vehicle module stage design [NASA-CASE-XMF-01543] Design and development of spacecraft with outer shell structure heat shielding and built-in, removable excursion module [NASA-CASE-MSC-13047-1] Development and characteristics of thermal control system for maintaining constant temperature within spacecraft module with wide variations of component heat transfer [NASA-CASE-GSC-11018-1] C31 N73-30829	SPACECRAFT STABILITY Satellite stabilization reaction wheel scanner [NASA-CASE-XGS-02629] c14 N71-21082 Development and characteristics of annular nomentum control device for two axis stabilization of spacecraft [NASA-CASE-LAE-11051-1] c21 N73-28646 Attitude sensor [NASA-CASE-LAR-10586-1] c14 N74-15089 SPACECRAFT STRUCTURES Collapsible, space erectable loop antenna system for space vehicle [NASA-CASE-XMF-00437] c07 N70-40202 Electro-optical system for maintaining two-axis
Radial module manned space station with artificial gravity environment [NASA-CASE-XMS-01906] Multi-mission space vehicle module stage design [NASA-CASE-XMF-01543] Design and development of spacecraft with outer shell structure heat shielding and built-in, removable excursion module [NASA-CASE-MSC-13047-1] Development and characteristics of thermal control system for maintaining constant temperature within spacecraft module with wide variations of component heat transfer [NASA-CASE-GSC-11018-1] SPACECRAFT POSITION INDICATORS	SPACECRAPT STABILITY Satellite stabilization reaction wheel scanner [NASA-CASE-XGS-02629] Development and characteristics of annular nomentum control device for two axis stabilization of spacecraft [NASA-CASE-LAR-11051-1] Attitude sensor [NASA-CASE-LAR-10586-1] C14 N74-15089 SPACECRAPT STRUCTURES Collapsible, space erectable loop antenna system for space vehicle [NASA-CASE-XMF-00437] C07 N70-40202
Radial module manned space station with artificial gravity environment [NASA-CASE-XMS-01906] Bulti-mission space vehicle module stage design [NASA-CASE-XMF-01543] Design and development of spacecraft with outer shell structure heat shielding and built-in, removable excursion module [NASA-CASE-MSC-13047-1] Development and characteristics of thermal control system for maintaining constant temperature within spacecraft module with wide variations of component heat transfer [NASA-CASE-GSC-11018-1] C31 N73-30829	SPACECRAFT STABILITY Satellite stabilization reaction wheel scanner [NASA-CASE-XGS-02629] Development and characteristics of annular nomentum control device for two axis stabilization of spacecraft [NASA-CASE-LAR-11051-1] Attitude sensor [NASA-CASE-LAR-10586-1] SPACECRAFT STRUCTURES Collapsible, space erectable loop antenna system for space vehicle [NASA-CASE-XMT-00437] Electro-Optical system for maintaining two-axis alignment during milling operations on large

Development of spacecraft radiator cover	[WASA-CASE-NPO-11932-1] c14 N73-29438
LNASA-CASE-MSC-120491 . c31 N71-16080	SPECTROBETERS
Design and construction of satellite appendage	Spectrometer using photoelectric effect to
tie-down cord	obtain spectral data
[NASA-CASE-XGS-02554] c31 N71-21064	[NASA-CASE-INP-04161] c14 N71-15599
Development and characteristics of thermal	Variable frequency nuclear magnetic resonance
Sensitive panel for controlling ratio of solar	spectrometer providing drive signals over wide
dbsorptivity to surface emissivity for space wehicle temperature control	frequency range and minimizing noise effects [NASA-CASE-XNP-09830] c14 N71-26266
[NASA-CASE-XLA-07728] c33 N71-22890	[NASA-CASE-XNP-09830] c14 N71-26266 Haksutov spectrograph for low light level researc
Space expandable tether device for use as	[NASA-CASE-XLA-10402] c14 N71-29041
passageway between two docked spacecraft	Dual purpose optical instrument capable of
[NASA-CASE-XMS-10993] c15 N71-28936	simultaneously acting as spectrometer and
Delayed simultaneous appendage release mechanism	diffractometer
for use on spacecraft equipped with despin	[NASA-CASE-XNP-05231] c14 N73-28491
mechanisms and releasable components	Integration of spectrometer capability with
[NASA-CASE-GSC-10814-1] c03 N73-20039	imagery function of facsimile cameras for use
Development of composite structures for	on planetary landers
Spacecraft to serve as anti-meteoroid device	[NASA-CASE-LAR-11207-1] c14 N73-28496
[NASA-CASE-LAR-10788-1] c31 N73-20880	Development and characteristics of single
Pressurized panel meteoroid detector [NASA-CASE-XLA-08916-2] c14 N73-28487	reflector interference spectrometer and
[NASA-CASE-XIA-08916-2] c14 N73-28487 Structural heat pipe for spacecraft wall thermal	associated drive system [NASA-CASE-NPO-11932-1] c14 N73-29438
insulation system	Design of gamma ray spectrometer for measurement
[NASA-CASE-GSC-11619-1] c33 N73-32828	of intense radiation using Compton scattering
SPACECRAFT TELEVISION	effect
Blectrically operated rotary shutter for	[NASA-CASE-HFS-21441-1] c14 N73-30392
television camera aboard spacecraft	Mossbauer spectrometer radiation detector
[NASA-CASE-INP-00637] c14 N70-40273	[NASA-CASE-LAR-11155-1] c14 N74-15091
Conversion system for transforming slow scan	SPECTROPHOTOHETERS
rate of Apollo TV camera on moon to fast scan	Spectrophotofluorometer with 3-dimensional
of commercial TV	display to identify fluorescence spectra of
[NASA-CASE-XHS-07168] c07 N71-11300	carcinogenic and noncarcinogenic hydrocarbons
SPACECRAFT TRACKING	[NASA-CASE-XGS-01231] c14 N70-41676
Spacecraft ranging system	SPECTROSCOPIC ANALYSIS
[NASA-CASE-NPO-10066] c09 N71-18598 Elimination of tracking occultation problems	Cylindrical reflector for resolving wide angle
occurring during continuous monitoring of	light beam from telescope into narrow beam for
interplanetary missions by using Earth	spectroscopic analysis [NASA-CASE-XGS-08269] c23 N71-26206
orbiting communications satellite	SPECTRUM ANALYSIS
[NASA-CASE-XAC-06029-1] c31 N71-24813	Spectrometer using photoelectric effect to
Tracking mount for laser telescope employed in	obtain spectral data
tracking large rockets and space vehicles to	[NASA-CASE-INP-04161] c14 N71-15599
give information regarding azimuth and elevation	
[NASA-CASE-HFS-14017] c14 H71-26627	monitoring of inert gas metal arc welding
Orbital and entry tracking accessory for globes	[NASA-CASE-XMF-02039] c15 N71-15871
to provide range requirements for reentry	Method and apparatus for high resolution power
vehicles to any landing site	spectrum analysis
[NASA-CASR-LAR-10626-1] c14 N74-21015	[NASA-CASE-NPO-10748] c08 N72-20177
SPACECRESS Development and characteristics of inflatable	SPEED CONTROL
Development and characteristics of inflatable structure to provide escape from orbit for	System for maintaining motor at predetermined
spacecreus under emergency conditions	speed using digital pulses [NASA-CASE-XMF-06892] c09 m71-24805
[NASA-CASE-XHS-06162] c31 N71-28851	Optimal control system for automatic speed
SPALLATION	regulation of electric driven motor vehicle
Production of iodine isotope by high energy	[NASA-CASE-NPO-11210] c11 N72-20244
bombardment of cesium heat pipe causing	Low speed phaselock speed control system for
spallation reaction	brushless dc motor
[NASA-CASE-LEW-11390-2] c24 N73-20763	[NASA-CASE-GSC-11127-1] c09 N74-10202
PARK GAPS	SPEED REGULATORS
Spark gap type protective circuit for fast	Peedback control for direct current motor to
sensing and removal of overvoltage conditions	achieve constant speed under varying loads
[NASA-CASE-IAC-08981] c09 N69-39897	[NASA-CASE-MPS-14610] CO9 N71-28886
Hechanism for measuring nanosecond time differences between luminous events using	SPHERES
streak camera	Guidance analyzer having suspended spacecraft simulating sphere for astronavigation
[NASA-CASE-XLA-01987] c23 N71-23976	
SPARK IGHITION	[MASA-CASE-XNF-09572] c14 N71-15621 Plastic sphere for radar tracking and calibration
High temperature spark plug for igniting liquid	[NASA-CASE-XLA-11154] c07 N72-21117
rocket propellants	SPHERICAL SHELLS
[NASA-CASE-XLE-00660] c28 N70-39925	Hollow spherical electrode for shielding
SPARE PLUGS	dielectric junction between high voltage
High temperature spark plug for igniting liquid	conductor and insulator
rocket propellants	[NASA-CASE-XLE-03778] c09 N69-21542
[NASA-CASE-XLE-00660] c28 N70-39925	Development of mechanical device for measuring
SPATIAL DISTRIBUTION	distance of point within sphere from surface
Electronic recording system for spatial mass	of sphere
distribution of liquid rocket propellant	[NASA-CASE-XLA-06683] c14 N72-28436
droplets or wapors ejected from high velocity	SPHERICAL TANKS
nozzles [NASA-CASE-NPO-10185] c10 N71-26339	Gauge for measuring quantity of liquid in
SPATIAL FILTERING	spherical tank in reduced gravity [NASA-CASE-XMS-06236] c14 N71-21007
Photographic film restoration system using	SPHERICAL DAVES
Fourier transformation lenses and spatial filter	
[NASA-CASE-HSC-12448-1] c14 N72-20394	spherical shock waves
SPECTRAL REFLECTANCE	[NASA-CASE-MFS-20890] c14 N72-22439
Development and characteristics of single	SPIRE BOZZLES
reflector interference spectrometer and	Constructing fluid spike nozzle to eliminate
associated drive system	heat transfer and bigh temperature problems

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inherent in physical spikes	c31 N71-15647	[NASA-CASE-GSC-11163-1] SPRAYERS	c15 N73-32360
[NY2W_C#2% TOO 41110]	C31 N/1-1304/	External device for liquid spray of	ooling of gas
SPIN DYNAMICS Deployable flexible wentral fins property of the second se	rowiding	turbine blades	
triangular planform of flexible	material for	[NASA-CASE-ALE-00037] Adhesive spray process for attachi	C28 N/O-33372
spin recovery of aircraft	c02 N73-10031	skin electrodes	my blomedical
[NASA-CASE-LAR-10753-1] Nutation damper for use on spinning		f NASA-CASE-XFR-07658-17	c05 N71-26293
[NASA-CASE-GSC-11205-1]	c15 N73-25513		of turbine;
SPIN PRODUCTION		blades	•
Optical scanner mounted on rotating	g support	[NASA-CASE-XLE-00027] SPRAYING	C33 M/ 1-29152
structure with method of compensionage or satellite rotation	acing for	Aircraft wheel spray drag alleviat	or for dual
rnasa-case-xgs-02401]	c14 N69-27485	tandem landing gear	
Bolt-latch mechanism for releasing	despin	[NASA-CASE-XLA-01583]	c02 N70-36825
weights from space wehicle	c15 N70-38601	SPREADING Tool attachment for spreading or m	oving away
[NASA-CASE-XLA-00679] Stretch Yo-Yo mechanism for reduci		loose elements from terminal pos	
spin rate of space vehicle		winding of filamentary elements	-45 #34 40000
r xx cx = αx cx + γ c c = 006191	c30 N70-40016	[NASA-CASE-INF-02107]	c15 N71-10809
Stage separation system for spinni	ng venicies	SPRINGS (ELASTIC) Belleville spring assembly with el	lastic guides
and payloads [NASA-CASE-XLA-02132]	c31 N71-10582	having low hysteresis	
Flexible turnstile antenna system	for reducing	[NASA-CASE-XNP-09452]	c15 N69-27504
nutation in spin-oriented satell	ıtes	Multiple Belleville spring assemble load distribution	th Altu eseu
[#252 44-2]	c31 N71-10747	[NASA-CASE-XNP-00840]	c15 N70-38225
SPIN STABILIZATION Dynamic precession damping of spin	-stabilized	Switching mechanism with energy st	tored in coil
wehicles by using rate gyroscope	and angular	spring	c03 N70-38713
accelerometer		[NASA-CASE-IGS-00473] Load cell protection device using	
[NASA-CASE-XLA-01989] Attitude orientation control of sp	c21 N70-34295	breakaway mechanism	
final stage space vehicles, usin	g horizon	[NASA-CASE-XHS-06782]	c32 N71-15974
scanners		Vibration isolation system, using	coaxial
[NASA-CASE-XLA-00281]	c21 ¥70-36943	helical compression springs [NASA-CASE-NPO-11012]	c15 N72-11391
Attitude detection system using st references for three-axis contro	errar Sand spin	SPUTTRING	010 5/2 110/1
stabilized spacecraft		Deposition method for epitaxial be	eta SiC films
[NASA-CASE-IGS-03431]	c21 N71-15642	having high degree of crystallog	graphic
Spin phase synchronization of cart	wheel	perfection [NASA-CASE-ERC-10120]	c26 N69-33482
satellite in polar orbit [NASA-CASE-XGS-05579]	c31 N71-15676	Development of procedure for produ	ucing thin
High velocity quidance and spin st	abilization	transparent films of zinc oxide	on transparent
gyro controlled jet reaction sys	tem for launch	refractory substrate	c15 ¥73-12487
vehicle payloads	c31 N71-15692	[NASA-CASE-FRC-10019] Technique and equipment for sputt	
[NASA-CASE-XLA-01339] Spin stabilized gyroscope having s	pining rotor	apertured electrode and pulsed	substrate bias
and stationary platform		[NASA-CASE-LEW-10920-1]	c17 N73-24569
•	c21 N73-11680	SQUARE WAVES High speed phase detector design:	indicating
SPIRAL WEAPPING Adjustable spiral wire winding dev	rice	phase relationship between two	square wave
[NASA-CASE-XMS-02383]	c15 N71-15918	input signals	
SPIRALS (CONCENTRATORS)		[NASA-CASE-XBP-01306-2] Circuitry for generating random s	c09 N71-24596
Spiral groove seal for hydraul shaft	ic rotating	pulses using white noise source	
[NASA-CASE-LEW-10326-3]	c15 N74-10474	[NASA-CASE-MSC-14131-1]	c09 N73-26199
SPIROMBTERS		SQUARES (HATHERATICS)	. 4 0
Compact bellows spirometer for high	jh speed and	Apparatus for computing square ro [NASA-CASE-KGS-04768]	CO8 N71-19437
high altitude space travel [NASA-CASE-XAR-01547]	c05 N69-21473	SQUIBS	
SPLIBTS	•	Contamination free separation nut	eliminating
Stretcher with rigid head and neck	support with	combustion products from ambien	t surroundings
capability of supporting immobil vertical position for removal fr		generated by squib firing [NASA-CASE-IGS-01971]	c15 N71-15922
hatch to exterior also useful as		BTABILITY	
stretCher		Bearing sectors for controlling s	elf excited
[NASA-CASE-XMP-06589]	c05 N71-23159	instability of journal bearing at high speeds in low viscosity	
SPORES Lyophilized spore dispenser		[NASA-CASE-LEW-11076-2]	c15 873-20533
[NASA-CASE-LAR-10544-1]	c15 N74-13178	STABILITY DEBIVATIVES	_
SPOT WELDS	_	Aircraft configuration for reduci	
Controlled arc spot welding method		nose-down pitching moments due forces, loss of trim lift, and	
[NASA-CASE-XMF-00392] Automatic closed circuit television	c15 N70-34814 on arc quidance	yawing moments	
control for welding joints		[NASA-CASE-LAR-11252-1]	c02 n73-26007
[NASA-CASE-MFS-13046]	c07 N71-19433	STABILITY TESTS	
Electric resistance spot welding a		Method and apparatus for checking of a setup for making reflection	n type holograms
producing metal bonds with super and structural characteristics	FIOT MECHANICAT	[NASA-CASE-MFS-21455-1]	c16 N74-15146
[WASA-CASE-LAR-11072-1]	c15 N73-20535	STABILIZATION	
SPRITED CONTINGS	1 0 Fm = 1 = - + - 1	Electro-optical stabilization of	calibrated
Plasma spraying gun for forming da		light source [NASA-CASE-MSC-12293-1]	c14 N72-27411
metal or ceramic coatings on su. [NASA-CASE-XLE-01604-2]	c15 N71-15610	System for controlling torque bui	.ldup in
Production and application of spr		suspension of gondola connected	to balloom by
reinforced ablation material	-40 W74 0440A	parachute shroud lines	c02 N73-13008
[NASA-CASE-XLA-04251] Metal plating process employing s	c18 N71-26100	[NASA-CASE-GSC-11077-1] Development of aerodynamic contro	
metallic power/peeming particle		control flutter over large range	
		T-164	

oscillatory frequencies using stability	[NASA-CASE-MFS-20767-1] c15 N74-15130
augmentation techniques	method of forming a wick for a heat pipe
[NASA-CASE-LAR-10682-1] CO2 N73-26004 Boron radiation hardening for stabilizing gate	[NASA-CASE-NPO-13391-1] c33 N74-19584
threshold potential of MOS devices	STAR TRACKERS Star sensor system for roll attitude control of
· [NASA-CASE-GSC-11425-2] c09 N73-32114	
Journal bearings [NASA-CASE-LEH-11076-4] c15 N74-18134	[NASA-CASE-XNP-01307] c21 N70-41856
STABILIZED PLATFORES c15 N74-18134	Sun tracker with rotatable plane-parallel plate and two photocells
Hydraulic drive mechanism for leveling isolation	[NASA-CASE-XGS-01159]
platforms	Photomultiplier detector of Canopus for
[NASA-CASE-XHS-03252] c15 N71-10658 STABILIZERS	spacecraft attitude control [NASA-CASE-XNP-03914] c21 N71-10771
Design and development of satellite despin device	Attitude detection system using stellar
[NASA-CASE-XNF-08523] c31 N71-20396	references for three-axis control and spin
STABILIZERS (AGENTS) Solid propellant stabilizer containing	stabilized spacecraft
nitroguanidine	[NASA-CASE-XGS-03431] c21 N71-15642 Relay controlled woltage switching unit for
[NASA-CASE-NPO-12000] c27 N72-25699	scanning circuitry of star tracker
STABILIZERS (FLUID DYNAHICS) Assembly for opening flight capsule stabilizing	[NASA-CASE-NPO-11253] c09 N72-17157
and decelerating flaps with reference to	Star scanner for spin-stabilized spacecraft [NASA-CASE-GSC-11569-1] c14 N73-11404
capsule recovery	Method for producing reticles for use in outer
[NASA-CASE-XMF-00641] c31 N70-36410 Mechanical stabilization system for VTOL aircraft	Space
[NASA-CASE-XLA-06339] c02 N71-13422	[NASA-CASE-GSC-11188-2] c21 N73-19630 Production method of star tracking reticles for
Attitude stabilizer for nonguided missile or	transmitting in visible and near ultraviolet
vehicle with respect to trajectory [NASA-CASE-ARC-10134] c30 N72-17873	regions
[NASA-CASE-ARC-10134] c30 N72-17873 Inflatable stabilizing system for use on life	[MASA-CASE-GSC-11188-1] c14 N73-32320 Strapped down gyroscope aligned with sun and
raft to reduce rocking and preclude capsizing	star tracker optical axis calibrating roll,
[NASA-CASE-MSC-12393-1] c02 N73-26006 STABLE OSCILLATIONS	yaw and pitch values
Automatic measuring and recording of gain and	[NASA-CASE-ARC-10716-1] c31 N73-32784 Formation of star tracking reticles
zero drift characteristics of electronic	[NASA-CASE-GSC-11188-3] C14 N74-20008
amplifier	STARK EFFECT
[NASA-CASE-XMS-05562-1] c09 N69-39986 STACKS	Resonant Baveguide Stark cell using microwave spectrometers
Remote fire stack igniter on went stack with	[NASA-CASE-LAR-11352-1] c09 N74-19854
flame cage near top	STARTERS
[NASA-CASE-MFS-21675-1] c33 N73-31826 STAGE SEPARATION	Starting circuit design for initiating and
Stage separation using remote control release of	maintaining arcs in wapor lamps [NASA-CASE-XNP-01058] c09 N71-12540
joint with explosive insert	STATIC PRICTION
[NASA-CASE-XLA-02854] c15 N69-27490 Piezoelectric means for missile stage separation	Kinetic and static friction force measurement between magnetic tape and magnetic head surfaces
indication and stage initiation	[NASA-CASE-XNP-08680] c14 N71-22995
[NASA-CASE-XLA-00791] c03 N70-39930 Space vehicle stage coupling and quick release	STATIC INVERTERS
separation mechanism	Describing static inverter with single or multiple phase output
[NASA-CASE-XLA-01441] c15 N70-41679	[NASA-CASE-XMP-00663] c08 N71-18752
Stage separation system for spinning vehicles and payloads	Development and characteristics of oscillating
[NASA-CASE-ILA-02132] c31 N71-10582	static inverter [NASA-CASE-XGS-05289] c09 N71-19470
Payload/spent rocket engine case separation system	STATIC LOADS
[NASA-CASE-XLA-05369] C31 N71-15687 Separation mechanism for use between stages of	Measuring shear-creep compliance of solid and
multistage rocket vehicles	liquid materials used in spacecraft components [NASA-CASE-XLE-01481] c14 N71-10781
[NASA-CASE-XLA-00188] c15 N71-22874	Apparatus for measuring load on cable under
Development of remotely controlled shaped charge for lateral displacement of rocket stages	static or dynamic conditions comprising
after separation	<pre>pulleys pivoting structure against restraint of tension strap</pre>
[NASA-CASE-XLA-04804] c31 N71-23008	[NASA-CASE-XMS-04545] c15 N71-22878
Electrical circuit selection device for simulating stage separation of flight vehicle	STATIC PRESSURE
[NASA-CASE-XKS-04631] c10 h71-23663	Pressure probe for sensing ambient static air pressures
Frangible connecting link suitable for rocket	[NASA-CASE-XLA-00481] c14 N70-36824
stage separation [NASA-CASE-MSC-11849-1] c15 N72-22488	Ambient atmospheric pressure sensing device for
STAGNATION PRESSORE	determining altitude of flight vehicles [NASA-CASE-XLA-00128] c15 N70-37925
Flow meter for measuring stagnation pressure in	STATIONREEPING
boundary layer around high speed flight vehicle [NASA-CASE-XFR-02007] c12 N71-24692	Method of stationkeeping for lenticular gravity
Device for measuring stagnation pressure of	gradient satellites [MASA-CASE-XLA-03132] c31 H71-22969
supersonic gas streams	STATISTICAL CORRELATION
[NASA-CASE-LAR-11139-1] c14 N73-20483 STAGNATION TREPERATURE	Optical sensing of supersonic flows by
Heasuring conductive heat flow and thermal	correlating deflections in laser beams through
conductivity of laminar gas stream in	[NASA-CASE-HPS-20642] c14 M72-21407
cylindrical plug to simulate atmospheric reentry [NASA-CASE-XLE-00266] c14 N70-34156	STRAH TORBIHES
STAIGLESS STREES	Vapor generating boiler system for turbine motor [NAS1-CASE-XLE-00785] C33 W71-16104
Joining aluminum to stainless steel by bonding	STEELS
aluminum coatings onto titanium coated stainless steel and brazing aluminum to	Zinc dust formulation for abrasion resistant
aluminum/titanium coated steel	steel coatings [NASA-CASE-GSC-10361-1] c18 N72-23581
[NASA-CASE-HPS-07369] c15 N71-20443	[NASA-CASE-GSC-10361-1] c18 N72-23581 STREBABLE ANTENNAS
Oltrasonic scanning system for in-place inspection of brazed tube joints	Apparatus for generating microwave signals at progressively related phase angles for driving
	PEGGICASIVELY FAIRTED Dhaga analog for Ariwing

antenna array	of mechanical strain on it [NASA-CASE-ILA-00492] c14 N70-34799
[NASA-CASE-ERC-10046] c10 N71-18722 Satellite radio communication system with remote	Strain gage accelerometer for angular
steerable antenna	acceleration measurement [NASE-CASE-XMS-05936]
[NASA-CASE-XNP-02389] CO/ N/I=28900	[NASA-CASE-XMS-05936] C14 N/U-41082 STRAIN GAGE BALANCES
Amplitude steered array [NASA-CASE-GSC-11446-1] cog N74-20860	Self-balancing strain gage transducer with
Lubburgus on	bridge circuit [WASA-CASE-MFS-12827] c14 N71-17656
Steerable solid propellant rocket motor adapted to effect payload orientation as multistage	STRAIN GAGES
rocket stage or reduce velocity as retrorocket	Semiconductor p-n junction on needle apex to
[NASA-CASE-XNP-00234] C28 N/0-38645	provide stress and strain sensor [NASA-CASE-XLA-04980] c09 N69-27422
STRLLAR LUMINOSITY Development of star intensity measuring system	Apparatus for forming wire grids for electric
which minimizes effects of outside interrence	strain gages
[NASA-CASE-XNP-06510] C14 N71-23/9/	Porce measuring instrument for structural
STRILLAR SPECTEA Development of star intensity measuring system	members, particularly fastening bolts or stude
which minimizes effects of outside interference	[NASA-CASE-XMF-00456] C14 N70-34705 Difference indicating circuit used in
[NASA-CASE-XNP-06510] C14 N/1-23/9/	conjunction with device measuring
STRREOPHOTOGRAPHY Stereo photomicrography system with stereo	gravitational fields
microscope for viewing specimen at various	[NAS1-CASE-XNP-08274] C10 N71-13537 Water cooled gage for strain measurements in
magnifications [NASA-CASE-LAR-10176-1] c14 N72-20380	high temperature environments
STRRESCOPIC VISION	[NASA-CASE-XNP-09205] c14 N71-17657
Stereoscopic television system, including	Development of apparatus for measuring successive increments of strain on elastomers
projecting pair of binocular images [NASA-CASE-ARC-10160-1] c23 N72-27728	r NASA-CASE-YMF-04680] C15 N77-19489
STRRILIZATION	Strain gage measurement of elongation due to thermally and mechanically induced stresses
Using ethylene oride in preparation of sterilized solid rocket propellants and	[NASA-CASE-IGS-04478] C14 N77-24233
encapsulating materials	Method for temperature compensating
r na sa - case - x np - 01749 } c27 n/0-4169/	semiconductor gages by exposure to high energy radiation
Ethylene oxide sterilization and encapsulating process for sterile preservation of	$f_{NASA-CASE=XLA-04555-11}$ c14 N71-25892
instruments and solid propellants	Pulsed excitation voltage circuit for strain
[WASA-CASE-XNP-09763] C14 N71-20461 Environmentally controlled suit for working in	gage bridge transducers [NASA-CASE-FRC-10036] c09 N72-22200
sterile chamber	method for making semiconductor p-n junction
r wasa = case = tar = 10076 = 1 1	stress and strain sensor [NASA-CASE-XLA-04980-2] c14 N72-28438
Protein sterilization of firefly luciferase without denaturation	newelonment of strain gage ambiguity sensor for
$r_{NAS2+CASE-GSC+10225-11}$ c06 N73-27086	measuring alignment of optical mirror segments
An improved heat sterilizable patient ventilator	[NASA-CASE-MFS-20506-1] C14 N73-17563 Turnbuckle device for tensile stress load
STRRILIZATION REFECTS	measurements
Reliability of electrical connectors after heat	[NASA-CASE-MFS-21488-1] c14 N73-23526 Development of strain gage mounting assembly for
sterilization [NASA-CASE-NPO-10694] c09 N72-20200	amplifying measurable deformation applied to
STIMBLATED RHISSION	strain gage
Repetitively pulsed wavelength selective carbon	STRAIN RATE
dioxide laser [NASA-CASE-ERC-10178] c16 N71-24832	Process for analysis of strain field of
STIRRING	structures subjected to large deformations involving low modulus substrate with thin
Design of mechanical device for stirring several test tubes simultaneously	coating
[NASA-CASE-IAC-06956] c15 N71-21177	[NASA-CASE-LAR-10765-1] c32 N73-20740
STORNGE Design and development of fluid sample collector	STRAPDOWN INERTIAL GUIDANCE Strapped down gyroscope aligned with sun and
[NASA-CASE-XMS-06767-1] C14 N71-20435	star tracker optical axis calibrating roll,
STORAGE BATTERIBS	yaw and pitch values [NASA-CASE-ARC-10716-1] c31 N73-32784
leak resistant bonded elastomeric seal for secondary electrochemical cells	STRAPS
r nasa-case-xgs=02631] c03 N71=23006	A meter for use in detecting tension in straps
Automatically charging battery of electric	having predetermined elastic characteristics [NISA-CASE-MPS-22189-1] c14 N74-10421
storage cells [NASA-CASE-XNP-04758] c03 N71-24605	STRESS ANALYSIS
Flimination of two step voltage discharge	Development of system for measuring damping characteristics of structure or system
property of silver zinc batteries by using divalent silver oxide capacity of cell to	subjected to random forces or influnces
charge anodes to monovalent silver state	r wasa-case-arc-10154-11 C14 N72-2244V
[NASA-CASE-XGS-01674] C03 N71-29129	Process for analysis of strain field of structures subjected to large deformations
RIectric storage batteTy with high impact resistance	involving low modulus substrate with thin
[NASA-CASE-NPO-11021] c03 N72-20032	coating
STORAGE STABILITY Storage stable, thermally activated foaming	STRESS CORROSION
compositions for erecting and rigidizing	Method to prevent stress corrosion cracking in
mechanisms of thin sheet solar collectors	titanium alloys (NASA-CASE-NPO-10271] c17 N71-16393
[NASA-CASE-LAR-10373-1] c18 N71-26155 STORAGE TARKS	Method and apparatus for inducing compressive
Expulsion bladder equipped storage tank structure	stresses in pressure vessel to prevent stress
[NASA-CASE-XNP-00612] c11 N70-38182 Development of apparatus and method for testing	COFFOSION [MASA-CASE-XLA-07390] C15 N71-18616
leakage of large tanks	STRESS MEASUREMENT
[NASA-CASE-XMF-02392]	Semiconductor p-n junction on needle apex to provide stress and strain sensor
STRAIN GAGE ACCELEROMETERS Accelerometer with FM output signals indicative	[NASA-CASE-XLA-04980] CO9 N69-27422
	T 466

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Force measuring instrument for structura	1	Strain arroctor plate besides	2_2 = &3
wedners, particularly fastening holts	or studs	Strain arrestor plate bonding insulation tiles to metallic pl	tos or
[MA 2 N - C A SE - X M P - O D 4 5 6]	N70-34705	structural parts	.ates or
Self-balancing strain gage transducer wi	th	[NASA-CASE-MSC-14182-1]	c18 N74-1521
priage circuit		STRUCTURAL STABILITY	010 1174 (324)
[NASA-CASE-MPS-12827] c14	N71-17656	Improved latching device for join	ing structural
Servocontrol system for measuring local	stresses	components in motionless relati	onship
at geometric discontinuity in stressed [NASA-CASE-XLA-08530] c32		[NASA-CASE-MFS-21606-1]	c15 N73-2241
Turnbuckle device for tensile stress loa	N71-25360	STRUCTURAL VIBRATION	
measurements	α	Rectangular electric conductors f	
FNACTOR AND DAMES AS	N72_22526	cables to withstand spacecraft	wibration and
Development of strain gage mounting asse	N73-23526	controlled atmosphere	
amplifying measurable deformation appl	moly tol	[NASA-CASE-MFS-14741]	c09 N70-2073
Strain dade	Ted CO	Determining sway of buildings by	los frequency
[NASA-CASE+NPO-13170-1] c14	N73-28495	device using pendulum [NASA-CASB-XMF-00479]	-14 x70 2470
STRESS RELIBVING		Transducer for measuring deflecti	c14 N70-34794
Nut and bolt fastener permitting all-dire	ectional	Vibrating structures	ONP TION
movement of skin sections with respect	to	[NASA-CASE-XLA-03135]	c32 N71-16428
supporting structure		STRUCTURES	032 87 1- 10420
[NASA-CASE-XLA-01807] c15	N71-10799	Deformation measuring apparatus w	ith feedback
STRESSES		control for arbitrarily shaped	structures
Tape recorder designed for low power con-	sumption	[NASA-CASE-LAR-10098]	c32 N71-26681
and resistance to operational failure	under	STRUTS	
high stress conditions		Low onset rate energy absorber in	form of strut
[NASA-CASE-XGS-08259] c14	N71-23698	assembly for crew couch of Apol	lo command modul
Strain gage measurement of elongation due	e to	[NASA-CASE-MSC-12279-1]	c15 N70-35679
thermally and mechanically induced stre [NASA-CASE-XGS-04478] c14:		Collapsible support for antenna r	eflector
Strain arrestor plate bonding rigid	N71-24233	applied to installation of space	
insulation tiles to metallic plates or	cuermai	[NASA-CASE-NPO-11751]	c07 N73-24176
structural parts		STUDS (STRUCTURAL HEHBERS)	
	174-15213	Design of quick release locking p	in for joining
STRETCHERS	174 15215	two or more load-carrying struct	
Development and characteristics of rescue	litter	[NASA-CASE-MFS-18495]	c15 N72-11385
with inflatable flotation device for wa	ter	Tool for mounting and removing standard means adhesive coated head portion	ids with
rescue application		[NASA-CASE-MPS-20299]	a45 V77 44300
[NASA-CASE-XMS-04170] c05 1	171-22748	SOBHINIATURIZATION	c15 N72-11392
Stretcher with rigid head and neck suppor	t with	Micromicroampere current measuring	circuit with
capability of supporting inmobilized pe	erson in	two subministure thermionic dio	es with
vertical position for removal from vehi	.cle	filament cathodes	
hatch to exterior also useful as splint	,	[NASA-CASE-XNP-00384]	CO9 N71-13530
Stretcher		SUBREPLECTORS	
[NASA-CASE-XHF-06589] CO5 N STRETCHING	171-23159	Dish antenna having switching bear	width with
Device for securing together structural m		truncated concave ellipsoid subr	eflector
with axially stretched bolt and nut	embers	[NASA-CASE-GSC-11760-1]	c09 N73-32116
	73-30457	SUBSONIC SPEED	
STRINGS		Aerospace vehicle with variable pl	anform for
Cord restraint system for pressure suit	nints	hypersonic and subsonic flight	** ****
[MASA-CASE-XMS-09635] c05 N	71-24623	[NASA-CASE-XLA-00805] Construction of leading edges of s	c31 N70-38010
STRUCTURAL DESIGN		aerial vehicles performing from	outlaces for
Design of inflatable life raft for aircra	fts and	above transonic speeds	subsonic to
boats		[NASA-CASE-XLA-01486]	c01 N71-23497
[NASA-CASE-IMS-00863] cos N	70-34857	SUBSONIC HIND TOWNELS	441 811-23431
Structural design of high pressure regula	tor valve	Variable geometry wind tunnel for	testing
[NASA-CASE-XNP-00710] c15 N	71-10778	aircraft models at subsonic spee	ds.
Graphic illustration of lifting body desi	gn	[NASA-CASE-XLA-07430]	c11 N72-22246
[NASA-CASE-FRC-10063] col n	71-12217	SUBSTRATES	
Design of ring wing wehicle of high drag-to-weight ratio to withstand reent		Means and methods of depositing th	in films on
stress into low density atmosphere	ry	Substrates	4
	71-24315	[NASA-CASE-XNP-00595]	c15 N70-34967
Airfoil with cambered trailing edge secti	71-2431J On for	Fabrication of solar cell banks fo	r attaching
supersonic flight	All TOT	solar cells to base members or s	
	73-14981	[NASA-CASE-NNP-00826]	c03 N71-20895
STRUCTURAL ABBBBBS		Hethod and apparatus for fabricati panels	nd sorar cell
Broadhand chokes and absorbers to reduce		[NASA-CASE-XNP-03413]	-02 224 06704
spurious radiation patterns of antenna	array	Scanning nozzle plating system for	c03 N71-26726
caused by support structures	-	plating metals on substrates wit	bout monking
[NASA-CASE-XUS-05303] c07 N	69-27462	[NASA-CASE-NPO-11758-1]	c15 N72-28507
Electro-optical/computer system for align	ing	SUBSTRUCTURES	
large structural members and maintaining	9	Supporting structure for simultane	Ous exposure
correct position	30 54055	or berrets to x rays	
[NASA-CASE-XNP-02029] c14 % Nut and bolt fastener permitting all-direc	70-41955	[NASA-CASE-XNP-06031]	c15 N71-15606
movement of skin sections with respect		SULFATES	
supporting structure		Nitroaniline sulfate, intumescent	
	71-10799	[NASA-CASE-ARC-10099-1]	c18 N71-15469
Universal joints for connecting two displa	aced	SULFUR COMPOUNDS	1-1-
shafts or members		Hercaptan terminated polymer conta	ining sulfonic
[NASA-CASE-NPO-10646] c15 N	71-28467	acid salts of nitrosubstituted a for heat and moisture resistant	comatic amines
Fabrication of light weight panel structur	e	[NASA-CASE-ARC-10325]	
using pairs of elongate hollow ribs of		SUE RULES	c06 N72-25147
semicircular configuration		Describing circuit for obtaining s	nn of ~~~~
[NASA-CASE-LAR-11052-1] G32 N7	73-13929	OI HUMBETS	AT SÄNGLAS
Device for securing together structural me		[NASA-CASE-IGS-04765]	c08 N71-18693
with axially stretched bolt and nut	12 2005-	SOEGLASSES	
[NASA-CASE-GSC-11149-1] c15 N7	73-30457	Pliable frame for sunglasses in em	ergency
	I-167		

		SUPERSONIC PLIGHT	
survival kits	c05 N71-23096	variable aspect ratio and variable s	weep delta
[NASR-CRDD-RDD-0000+1		wing planforms for supersonic airc	c02 N70-33266
engtow design for USE	as sunlight	[NASA-CASE-NLA-00221] Supersonic or hypersonic vehicle con	trol system
simulator in space environment si multiple light sources reflected	to single	comprising elevons with hinge line	e sweep and
virtual source		free of adverse aerodynamic cross [NASA-CASE-XLA-08967]	coupling c02 N71-27088
[NASA-CASE-HQN-10781]	c23 N71-30292	SUPERSONIC FLOW	
SUPERCONDUCTING MAGNETS Cryogenic flux-gated magnetometer u	sing	ontical sensing of supersonic flows	by
superconductors		correlating deflections in laser f	seams through
ruies_caer_yac=02#071	c14 N69-27423	flow [NASA-CASE-MPS-20642]	c14 N72-21407
Improved alternator with windings of superconducting materials acting	as permanent	Device for measuring stagnation pres	ssure of
magnet waterias		supersonic gas streams	c14 N73-20483
CN162_C168-YLE-028241	c03 N69-39890	[NASA-CASE-LAR-11139-1] SUPERSONIC INLETS	C14 N/3 20103
Segmented superconducting magnet pr staggered magnetic field and suit	table for	Airflow control system for superson:	ic inlets
broadband traveling wave masers		[WASA-CASE-LEW-11188-1]	c02 N74-20546
CW2C4-CXCD+VCS-105181	c16 N71-28554	SUPERSONIC NOZZLES Penshaped, supersonic exhaust nozzlo	e design
Operating properties of superconduction vacuum environment	Still maduec	FN153+C15R-YLR-000571	C28 N/O-38/11
[NASA-CASE-XNP-06503]	c23 N71-29049	Telescoping-spike supersonic nozzle	ror turpojet
enneneovnπeπT₽TΦ¥	with errogeric	or ramjet engines [NASA-CASE-XLE-00005]	c28 N70-39899
Superconducting alternator design the fluid for cooling windings below	critical	Electric arc heater with supersonic	nozzle and
temperature		fixed arc length for use in high	temperature
F NASA - CASE - VI.E - 02823]	c09 N71-23443	wind tunnels [NASA-CASE-XAC-01677]	c09 N71-20816
Superconductive resonant cavity for signal to noise ratio in Communication	r improved cation signal	CODERSONIC SPREDS	
гизац=C &SR= MSC= 12259=2 1	CU/ N/2-33140	Continuous operation, single phased plasma accelerator producing supe	, induction
superconducting magnetic field tra	pping device	[NASA-CASE-XLA-01354]	c25 N70-36946
for producing magnetic field in	alf c26 N73-28710	SUDPRSONTE TRANSPORTS	
[NASA-CASE-XNP-01185] A doped Josephson tunneling juncti	on for use in	position locating system for remote using voice communication and dig	aircraft ital signals
a sensitive IR detector		r wasa-case-gsc-10087-21	C21 N71-13958
[NASA-CASE-NPO-13348-1]	c14 N74-20022	Traffic control system for superson	ic transports
Superconductive accelerometer empl	oying variable	using synchronous satellite for d	ata relay
force principle to determine acc	eleration of	between vehicles and ground stati	CO2 N/1-1928/
hodies	c14 N71-15969	system and method for position loca	ting for air
[NASA-CASE-XMF-01099] Controlled diffusion reaction proc	ess for	traffic control involving superso	c07 N72-12080
masking substrate of twisted mul	tifilament	[NASA-CASE-GSC-10087-3] Doppler compensated communication s	ystem for
superconductive ribbon [NASA-CASE-LEW-11726-7]	c26 N73-26752	locating supersonic transport pos	sition
Twisted wire or tube superconducto	or for filament	[NASA-CASE-GSC-10087-4]	c07 N73-20174
windings	c26 N73-32571	SUPPORT SYSTEMS Hydraulic support apparatus for dyn	namic testing
[NASA-CASE-LEW-11015] SUPERFLUIDITY	E26 875-3257	of space vehicles under near-free	flight
Helium refining by superfluidity		conditions [NASA-CASE-IMF-03248]	c11 N71-10604
[NASA-CASE-XNP-00733]	c06 N70-34946	Supporting structure for simultaneo	
SUPERSONIC AIRCRAFT variable sweep wing configuration	for supersonic	of pellets to I rays	c15 N71-15606
aircraft		[NASA-CASE-XNP-06031] Multilegged support system for wind	
[NASA-CASE-XLA-00230]	c02 N70-33255	models subjected to thermal dyna:	nic loading
Supersonic aircraft variable sweet for varying aspect ratio	July Plantols	f Nasa_Case_VLA=01326]	C11 N/1-21401
r na sa = case= xla= 00350 l	c02 N70-38011	Adjustable support device with jack altering distance between base a	ket screw for nd supported
Development and characteristics of	F variable	member	
sweep wing control system for sa aircraft	rpersonic	[MASA-CASE-NPO-10721]	c15 N72-27484
f nasa-case-xla-036591	c02 N71-11041	SUPPORTS Support techniques for restraint o	f slender
Development and characteristics of horizontal tail assembly for su	f translating	bodies such as launch vehicles	
[NASA-CASE-XLA-08801-1]	c02 N71-11043	г маза-саяр- vt. A = 02704 1	C11 N69-21540
Design of supersonic aircraft with	h novel fixed,	Pheumatic control of telescopic mi	rror support
swept wing Planform	c02 N71-12243	system [NASA-CASE-XLA-03271]	c11 N69-24321
[NASA-CASE-XLA-04451] Absorptive, nonreflecting barrier		ontical scanner mounted on rotatin	g support
hetween closely spaced jet engi-	nes on	structure with method of compens image or satellite rotation	ating for
supersonic aircraft, for preven	ting shock wave	C 113 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C	c14 N69-27485
interference [NASA-CASB-XLA-02865]	c28 N71-15563	connert for flexible conductor Cab	le between
nesign of aircraft with rotatable	wing for	drawers or racks holding electro and cabinet assembly housing dra	wers or racks
producing high speed aerodynami	c configuration c02 N73-30018	r nasa=case=xmP=07587 1	C12 N/1-1014.
[NASA-CASE-ARC-10470-2] SUPERSONIC AIRFOILS	202 4.2 30010	evisor cupnort for das bearing for	position
Airfoil with cambered trailing ed	ge section for	adjustment between ball and supp [NASA-CASE-XMF-07808]	c15 N71-23812
supersonic flight	c01 N73-14981	gracking mount for laser telescope	employed in
[NASA-CASE-LAR-10585-1] SUPERSORIC COMBUSTION	001 M/O 14901	Amanting large rockets and space	venicies to
Supersonic-combustion rocket		qive information regarding azımu	c14 N71-26627
[NASA-CASE-LEW-11058-1]	c28 N74-13502	[NASA-CASE-HFS-14017] Gas bearing for model support with	capacity for
SUPERSONIC DRAG Bluff-shaped annular configuration	n for	measuring angular displacement o	of model in
supersonic decelerator for reen	try vehicles	bearing	c15 N71-28740
[NASA-CASE-XLE-00222]	c02 N70-37939	[NASA-CASE-XLA-09346]	~ · · · · ·

Adjustable rigid mount for trihedral mirror	[NASA-CASE-LAR-10953-1]	c17 N73-27446
TOTREG Of alloy with small coefficient of	SURFACE ROUGHESS	C17 H73-27440
thermal expansion supporting screes and	Roughness detector for recording	surface pattern
Spring-blased plates	of irregularities	
[NASA-CASE-NNP-08907] c23 N71-29123	[NASA-CASE-XLA-00203]	c14 N70-34161
Slotted fine-adjustment support for optical devices	Optical apparatus for visual det	
f Na Ca	roundness and regularity of co	
[NASA-CASE-MFS-20249] c15 N72-11386 Base support for expansible and contractible	[NASA-CASE-IMP-00462]	c14 N70-34298
comblind peraceu tao mempera	Describing device for surveying	
LNASA-CASE-NPO-110591 c15 N72-17454	surface using X-Y plotter and transducer	traveling
Optical mirror support system	[NASA-CASE-XLA-08646]	c14 x71-17586
LNASA-CASE-XER-07896-23	SURFACE ROUGHNESS EFFECTS	C14 #71 17500
Fixture for supporting articles during vibration	Aerodynamically stable meteorolo	gical balloon
tests comprising integral annular unit	using surface roughness effect	
[NASA-CASE-MFS-20523] c14 N72-27412	[NASA-CASE-XMF-04163]	c02 N71-23007
Design and development of test stand system for supporting test items in vacuum chamber	SURFACE TEMPERATURE	
[NASA-CASE-MFS-21362] c11 N73-20267	Thin film gage for measuring con-	
Development and characteristics of supporting	transfer on surfaces in air st	
frame to isolate payloads from	[HASA-CASE-NPO-10617] SURPACE VEHICLES	c14 N70-12618
multi-gravitational forces	Optimal control system for autom	atic cross
[NASA-CASE-MFS-21680-1] C15 N73-20525	regulation of electric driven	
Collapsible support for antenna reflector	[NASA-CASE-NPO-11210]	c11 N72-20244
applied to installation of spacecraft antennas	Development of radio locating sys	
[NASA-CASE-NPO-11751] c07 N73-24176	monitoring geographic movement	of surface
Viscoelastic shock absorbing mount for electrical circuit board	vehicles in metropolitan area (ısing
(W) ()	unsynchronized radio broadcast:	
Nethod of making porous conductive supports for	[NASA-CASE-NPO-13217-1]	c07 N73-26144
electrodes by electroforming and stacking	Self-propelled vehicle with wheel	L, track laying,
nickel foils	and walking capability for expl expolaration	roratory
[NASA-CASE-GSC-11367-1] c03 N74-19692	[NASA-CASE-NPO-11366]	c11 N73-26238
SUPPRESSORS	Short range laser obstacle detect	tor for
Electronic background suppression field scanning	surface wehicles using laser di	iode: arrav
sensor for detecting point source targets	[NASA-CASE-NPO-11856-1]	c16 N74-15145
[NASA-CASE-IGS-05211] c07 N69-39980 SURFACE DEFECTS	Recording apparatus	
Surface defect detection by reflected microwave	[NASA-CASE-LAR-11353-1]	c14 N74-20020
radiation pattern	SURPACE HAVES	_
[NASA-CASE-ARC-10009-1] c15 N71-17822	Development of method for suppres	ssing excitation
SURFACE DIFFUSION	of electromagnetic surface wave converter antenna	es on dielectric
Metallic film diffusion into metal or ceramic	[NASA-CASE-XLA-10772]	c07 N71-28980
surfaces for boundary lubrication in aerospace	SURFACES	CV7 M71-20300
environments	Techniques for recovery of multis	stage rocket
[NASA-CASE-XLE-01765] c18 N71-10772	Techniques for recovery of multis wehicles by providing lifting s	stage rocket surfaces on
[NASA-CASE-ILE-01765] c18 N71-10772 SURPACE FINISHING	<pre>vehicles by providing lifting s individual sections</pre>	stage rocket surfaces on
[NASA-CASE-ILE-01765] c18 N71-10772 SURPACE FINISHING Development of procedure for producing thin	<pre>vehicles by providing lifting s individual sections [WASA-CASE-XMF-00389]</pre>	c31 N70-34176
[NASA-CASE-ILE-01765] c18 N71-10772 SURPACE FINISHING Development of procedure for producing thin transparent films of zinc oxide on transparent	<pre>wehicles by providing lifting s individual sections [NASA-CASE-XMP-00389] Kinetic and static friction force</pre>	c31 N70-34176 beasurement
[NASA-CASE-ILE-01765] c18 N71-10772 SURPACE FINISHING Development of procedure for producing thim transparent films of zinc oxide on transparent lefractory substrate [NASA-CASE-FRC-10019] c15 N73-12487	 wehicles by providing lifting a individual sections [NASA-CASE-XMF-00389] Kinetic and static friction force between magnetic tape and magnetic tape. 	c31 N70-34176 e measurement etic head surfaces
[NASA-CASE-ILE-01765] c18 N71-10772 SURPACE FINISHING Development of procedure for producing thin transparent films of zinc oxide on transparent refractory substrate [NASA-CASE-FRC-10019] c15 N73-12487 Device and method for determining X ray	<pre>vehicles by providing lifting s individual sections [NASA-CASE-XMF-00389] Kinetic and static friction force between magnetic tape and magne [NASA-CASE-XNF-08680]</pre>	c31 N70-34176 neasurement etic head surfaces c14 N71-22995
[NASA-CASE-ILE-01765] c18 N71-10772 SURPACE FINISHING Development of procedure for producing thin transparent films of zinc oxide on transparent refractory substrate [NASA-CASE-FRC-10019] c15 N73-12487 Device and method for determining X ray reflection efficiency, scattering properties,	<pre>wehicles by providing lifting s individual sections [NASA-CASE-XMP-00389] Kinetic and static friction force between magnetic tape and magne [NASA-CASE-XNP-08680] Three-axis adjustable loading str</pre>	c31 N70-34176 neasurement tic head surfaces c14 N71-22995
[NASA-CASE-ILE-01765] c18 N71-10772 SURPACE FINISHING Development of procedure for producing thin transparent films of zinc oxide on transparent refractory substrate [NASA-CASE-FRC-10019] c15 N73-12487 Device and method for determining X ray reflection efficiency, scattering properties, and surface finish of optical surfaces	<pre>vehicles by providing lifting s individual sections [NASA-CASE-XMF-00389] Kinetic and static friction force between magnetic tape and magne [NASA-CASE-XNF-08680]</pre>	c31 N70-34176 neasurement etic head surfaces c14 N71-22995
[NASA-CASE-ILE-01765] c18 N71-10772 SURPACE FINISHING Development of procedure for producing thin transparent films of zinc oxide on transparent refractory substrate [NASA-CASE-FRC-10019] c15 N73-12487 Device and method for determining X ray reflection efficiency, scattering properties, and surface finish of optical surfaces [NASA-CASE-MFS-20243] c23 N73-13662	wehicles by providing lifting a individual sections [NASA-CASE-XMF-00389] Kinetic and static friction force between magnetic tape and magnet [NASA-CASE-XNP-08680] Three-axis adjustable loading str [NASA-CASE-PRC-10051-1] SURGERY Surgical liquification pump for r	c31 N70-34176 heasurement tic head surfaces c14 N71-22995 sucture c14 N74-13129
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[NASA-CASE-ILE-01765] c18 N71-10772 SURPACE FINISHING Development of procedure for producing thin transparent films of zinc oxide on transparent refractory substrate [NASA-CASE-FRC-10019] c15 N73-12487 Device and method for determining X ray reflection efficiency, scattering properties, and surface finish of optical surfaces [NASA-CASE-MFS-20243] c23 N73-13662 SURPACE IONIXATION Electrodes having array of small surfaces for field ionization [NASA-CASE-ERC-10013] c09 N71-26678 Development of method and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-ERC-10325] c15 N72-25457 SURPACE LAYERS Bismuth and lead surface coatings for gas bearings in aerospace engineering [NASA-CASE-KGS-02011] c15 N71-20739 Method and apparatus for stable silicon dioxide layers on silicon grown in silicon nitride ambient [NASA-CASE-KGS-02011] c06 N74-19769 SURFACE PROPERTIES Anti-wettable materials brazing processes using titanium and zirconium for surface pretreatment [NASA-CASE-INS-03537] c15 N69-21471 Automatic swabbing apparatus for sampling of microbiological surfaces [NASA-CASE-IAR-11069-1] c04 N73-16061 Ablation article and surface for analyzing flow transition on ablative surface [NASA-CASE-IAR-10439-1] c33 N73-27796 Dual measurement ablation sensor [NASA-CASE-IAR-1049-1] c33 N74-15652 Apparatus for scanning the surface of a cylindrical body [NASA-CASE-NPO-11861-1] c14 N74-20009	wehicles by providing lifting a individual sections [NASA-CASE-XMP-00389] Kinetic and static friction force between magnetic tape and magnet [NASA-CASE-NP-08680] Three-axis adjustable loading str [NASA-CASE-PRC-10051-1] SURGERY Surgical liquification pump for macerated tissue from eye [NASA-CASE-LBH-12051-1] SURGES Silicon controlled rectifier invectompensation of transients to a [NASA-CASE-XLA-08507] Turn on current transient limiter controlling peak current flow i load [NASA-CASE-XLA-08507] SURGICAL INSTRUBENTS Ultrasonic device for ophthalmic with safe removal of macerated [NASA-CASE-LEH-11669-1] Surgical liquification pump for macerated tissue from eye [NASA-CASE-LEH-12051-1] SURVIVAL EQUIPHENT Survival couch for aircraft or sp [NASA-CASE-XLA-00118] Lightweight life preserver withou devices [NASA-CASE-XLA-0064] Pliable frame for sunglasses in expression that struments [NASA-CASE-XHS-0664] SUSPEDDING (HADGING) Parallel motion suspension device instruments [NASA-CASE-INP-01567] Cable suspension and inclined wall	c31 N70-34176 measurement tic head surfaces c14 N71-22995 sucture c14 N74-13129 emoving c04 N73-32000 rter sith void false gating c09 N69-39984 for n high capacity c10 N71-26531 eye surgery material c05 N73-27062 emoving c04 N73-32000 accoraft cress c05 N70-33285 t fastening c05 N70-36493 mergency c05 N71-23096 for measuring c15 N70-41310
[NASA-CASE-ILE-01765] c18 N71-10772 SURPACE FINISHING Development of procedure for producing thin transparent films of zinc oxide on transparent refractory substrate [NASA-CASE-FRC-10019] c15 N73-12487 Device and method for determining X ray reflection efficiency, scattering properties, and surface finish of optical surfaces (NASA-CASE-MFS-202M3) c23 N73-13662 SURPACE IONIXATION Electrodes having array of small surfaces for field ionization [NASA-CASE-BEC-10013] c09 N71-26678 Development of method and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-BEC-10325] c15 N72-25457 SURPACE LAYERS Bismuth and lead surface coatings for gas bearings in aerospace engineering [NASA-CASE-KEC-02011] c15 N71-20739 Hethod and apparatus for stable silicon dioxide layers on silicon grown in silicon nitride ambient [NASA-CASE-KEC-10073-1] c06 N74-19769 SURFACE PROPERTIES Anti-wettable materials brazing processes using titanium and zirconium for surface pretreatment [NASA-CASE-KEC-10073-1] c15 N69-21471 Automatic swabbing apparatus for sampling of microbiological surfaces [NASA-CASE-LAR-1069-1] c04 N73-16061 Ablation article and surface for analyzing flow transition on ablative surface [NASA-CASE-LAR-10439-1] c33 N73-27796 Dual measurement ablation sensor [NASA-CASE-LAR-10439-1] c33 N74-15652 Apparatus for Scanning the surface of a cylindrical body [NASA-CASE-NPO-11861-1] c14 N74-20009	wehicles by providing lifting a individual sections [NASA-CASE-XMF-00389] Kinetic and static friction force between magnetic tape and magnet [NASA-CASE-XNF-08680] Three-axis adjustable loading str [NASA-CASE-XNF-01051-1] SURGERY Surgical liquification pump for a macerated tissue from eye [NASA-CASE-LBH-12051-1] SURGES Silicon controlled rectifier inverse compensation of transients to a [NASA-CASE-XLA-08507] Turn on current transient limiter controlling peak current flow i load [NASA-CASE-XLA-08507] SURGICAL INSTRUBENTS Ultrasonic device for ophthalmic with safe removal of macerated [NASA-CASE-LEH-11669-1] Surgical liquification pump for a macerated tissue from eye [NASA-CASE-LEH-12051-1] SURVIVAL EQUIPHENT Survival couch for aircraft or sp [NASA-CASE-LEH-12051-1] SURVIVAL EQUIPHENT Survival couch for aircraft or sp [NASA-CASE-XLA-00118] Lightweight life preserver withou devices [NASA-CASE-XLA-0018] Pliable frame for sunglasses in e survival kits [NASA-CASE-XHS-0864] Pliable frame for sunglasses in e survival kits [NASA-CASE-XHS-06064] SUSPENDING (HANGING) Parallel motion suspension device instruments [NASA-CASE-INP-01567] Cable suspension and inclined wall simulating reduced or zero grav.	c31 N70-34176 measurement tic head surfaces c14 N71-22995 sucture c14 N74-13129 emoving c04 N73-32000 rter sith woid false gating c09 N69-39984 for n high capacity c10 N71-26531 eye surgery material c05 N73-27062 emoving c04 N73-32000 accoraft creus c05 N70-33285 t fastening c05 N70-36493 mergency c05 N71-23096 for measuring c15 N70-41310 keay system for ity environments
[NASA-CASE-ILE-01765] c18 N71-10772 SURPACE FINISHING Development of procedure for producing thin transparent films of zinc oxide on transparent refractory substrate [NASA-CASE-FRC-10019] c15 N73-12487 Device and method for determining X ray reflection efficiency, scattering properties, and surface finish of optical surfaces [NASA-CASE-MFS-20243] c23 N73-13662 SURPACE IONIXATION Electrodes having array of small surfaces for field ionization [NASA-CASE-ERC-10013] c09 N71-26678 Development of method and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-ERC-10325] c15 N72-25457 SURPACE LAYERS Bismuth and lead surface coatings for gas bearings in aerospace engineering [NASA-CASE-KGS-02011] c15 N71-20739 Method and apparatus for stable silicon dioxide layers on silicon grown in silicon nitride ambient [NASA-CASE-KGS-02011] c06 N74-19769 SURFACE PROPERTIES Anti-wettable materials brazing processes using titanium and zirconium for surface pretreatment [NASA-CASE-INS-03537] c15 N69-21471 Automatic swabbing apparatus for sampling of microbiological surfaces [NASA-CASE-IAR-11069-1] c04 N73-16061 Ablation article and surface for analyzing flow transition on ablative surface [NASA-CASE-IAR-10439-1] c33 N73-27796 Dual measurement ablation sensor [NASA-CASE-IAR-1049-1] c33 N74-15652 Apparatus for scanning the surface of a cylindrical body [NASA-CASE-NPO-11861-1] c14 N74-20009	wehicles by providing lifting a individual sections [NASA-CASE-XMP-00389] Kinetic and static friction force between magnetic tape and magnet [NASA-CASE-NP-08680] Three-axis adjustable loading str [NASA-CASE-PRC-10051-1] SURGERY Surgical liquification pump for macerated tissue from eye [NASA-CASE-LBH-12051-1] SURGES Silicon controlled rectifier invectompensation of transients to a [NASA-CASE-XLA-08507] Turn on current transient limiter controlling peak current flow i load [NASA-CASE-XLA-08507] SURGICAL INSTRUBENTS Ultrasonic device for ophthalmic with safe removal of macerated [NASA-CASE-LEH-11669-1] Surgical liquification pump for macerated tissue from eye [NASA-CASE-LEH-12051-1] SURVIVAL EQUIPHENT Survival couch for aircraft or sp [NASA-CASE-XLA-00118] Lightweight life preserver withou devices [NASA-CASE-XLA-0064] Pliable frame for sunglasses in expression that struments [NASA-CASE-XHS-0664] SUSPEDDING (HADGING) Parallel motion suspension device instruments [NASA-CASE-INP-01567] Cable suspension and inclined wall	c31 N70-34176 measurement tic head surfaces c14 N71-22995 sucture c14 N74-13129 emoving c04 N73-32000 rter sith void false gating c09 N69-39984 for n high capacity c10 N71-26531 eye surgery material c05 N73-27062 emoving c04 N73-32000 accoraft cress c05 N70-33285 t fastening c05 N70-36493 mergency c05 N71-23096 for measuring c15 N70-41310

Suspended mass oscillation damper	based on noing wind
impact energy absorption for dar induced oscillations of tall sta	acks, antennas,
and ambilical towers	
[NASA-CASE-LAR-10193-1]	c15 N71-27146
SHRAT COOLING Transpiration cooled turbine blade	e made from
metallic or ceramic wires	c15 N70-33226
[NASA-CASE-XLE-00020] Transpirationally cooled heat abl	ation system
for interplanetary spacecraft I	eentry shielding
[NASA-CASE-XMS-02677] Transpiration-cooled rocket chamb	er formed of
porous metal wall	
[NASA-CASE-LEW-11118-1]	c15 N72-32501
SWEEP CIRCUITS Transistorized circuit for produc	ina multiple
slope voltage sweep	
[NASA-CASE-XMS-03542]	c09 N71-28926
SUBER EFFECT Supersonic or hypersonic vehicle	control system
comprising elegans with hinge I	ine sweep and
free of adverse aerodynamic cro	ss coupling c02 N71-27088
[NASA-CASE-XLA-08967]	CO2 W/1-17000
SWELLING Para-benzoquinone dioxine and con	centrated
mineral acid processed to yield fire resistant, heat insulating	intumescent or
[NASA-CASE-ARC-10304-1]	c18 N73-26572
econ utica	
Design of supersonic aircraft wit	h novel liked,
swept wing planform [NASA-CASE-XLA-04451]	c02 N71-12243
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Slosh and swirl alleviator for li tanks during transport and flig	dnia broberranc
f m s s a = C a s E = ¥1. a = 05749 1	C10 N/1=13307
spirt can, full-annulus combustic	on chambers for
high performance gas turbine en [NASA-CASE-LEW-11326-1]	c23 N73-30665
CHITCUPS	
Switching mechanism with energy a	stored in CO11
spring [NASA-CASE-XGS-00473]	c03 N70-38713
Digital memory system with multip	ple switch cores
for driving each word location [NASA-CASE-XNP-01466]	c10 N71-26434
Radio frequency controlled solid	state switch
[NASA-CASE-ARC-10136-1]	c09 N72-22202
SWITCHING CIRCUITS Solid state switching circuit des	sign to increase
Solid state switching circuit des current capacity of low rated	relay contacts
[NASA-CASE-XNP-09228] Power control switching circuit	COA MORETIZON
voltage semiconductor controll	ed rectifiers
for high voltage isolation	c10 N69-39888
[NASA-CASE-XNP-02713] Selective gold diffusion on mono	lithic silicon
chine for switching and housel	touind ambiliter
devices and circuits and linea	r and digital
logic circuits [NASA-CASE-ERC-10072]	c09 N70-11148
Riectrical power system for space	e flight
<pre>vehicles operating over extend [NASA-CASE-XMF-00517]</pre>	CU3 N/U-3413/
High speed low level voltage com	mutating switch
[NASA-CASE-XAC-00060] Switching circuit with regenerat	COB N10-33812
transistors eliminating power	consumption when
not in Use	
[NASA-CASE-XNP-02654] Using electron beam switching for	c10 N70-42032
motor commutation	•
[NASA-CASE-XGS-01451]	c09 N71-10677
Increasing power conversion effi electronic amplifiers by power	crency or supply switching
rnasa-case-xms-009451	CO9 N71-10798
Silicon controlled rectifier pul	lse gate
amplifier for blocking false onegative transient voltages	larith cansen wi
r nasa-case-xla-07497 1	c09 N71-12514
pescribing magnetic core current device for steering bipolar cu	t switching irrent pulses to
memory units	
[NASA-CASE-NPO-10201]	c08 N71-18694
Transistorized dc-coupled multive noninverted output signal	vibrator With
[NASA-CASE-XNP-09450]	c10 N71-18723

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Reversible current directing circuitry for
  reversible motor control
                                        c10 N71-18724
  [NASA-CASE-ILA-09371]
Constructing Exclusive-Or digital logic circuit
  in single module
Polarization diversity monopulse tracking
  receiver design without radio frequency switches
  [NASA-CASE-XGS-03501]
Sight switch using infrared source and sensor
  mounted beside eye [NASA-CASE-XMF-03934]
                                        c09 N71-22985
Complementary regenerative transistorized switch
  circuit employing positive and negative feedback [NASA-CASE-XGS-02751] c09 #71-23015
Reliable magnetic core circuit apparatus with
  application in selection matrices for digital
  nemories
                                       c10 N71-23033
  [NASA-CASE-XNP-01318]
Electric circuit for producing high current
  pulse having fast rise and fall time
                                       c09 N71-23270
  [ NASA-CASE-INS-04919]
Blectric circuit for reversing direction of
  current flow
   [NASA-CASE-KNP-00952]
                                        c10 N71-23271
Switching series regulator with gating control
  network
  [NASA-CASE-XMS-09352]
Microwave waveguide switch with rotor position
   control
                                        c09 N71-23548
  [ NASA-CASE-KNP-06507]
Signaling summary alarm circuit with
  semiconductor switch for faulty contact
   indications
                                        c10 N71-24798
   [NASA-CASE-XLE-03061-1]
 Solid state circuit for switching alternating
   current input signal as function of direct
   current gating transistor
   [NASA-CASE-XNP-06505]
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   alternating current
                                        c10 N71-25950
   [ NASA-CASE-XGS-06226]
 Design and development of multistage current
steering switch with inductively coupled
   magnetic cores
 [NASA-CASE-INP-08567] c09 N71-26
Pulse duration control device for driving slow
                                         c09 N71-26000
   response time loads in selected sequence
   including switching and delay circuits and
   magnetic storage
                                         c10 N71-26418
   [ NASA-CASE-XGS-04224 ]
 Turn on current transient limiter for
   controlling peak current flow in high capacity
   load
   [NASA-CASE-GSC-10413]
 Input radio frequency circuit for switching type
   absolute temperature measuring radiometer for
   noise sources
   [ NASA-CASE-ERC-11020 ]
 Inverter drive circuit for semiconductor switch
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   switching amplifier circuit
    [NASA-CASE-XNP-01107]
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    amplifier circuits
                                         c08 N71-28925
    [ NASA-CASE-XNP-01012]
  Current regulating voltage divider design with
    load current shunting
                                         c09 N71-34212
    [ NASA-CASE-MFS-20935 ]
  Relay controlled voltage switching unit for
    scanning circuitry of star tracker [NASA-CASE-NPO-11253]
  Spacecraft solar cell system with switching
    circuit to provide compensation for
    environmental changes
    [ NASA-CASE-GSC-10669-1]
                                          c03 N72-20031
  Plow rate switch for detecting variations in
    fluid flow velocity through conduits of
    pressurized systems
    [NASA-CASE-NPO-10722]
                                          c09 N72-20199
  Switching type voltage regulator with relatively
    simple circuit arrangement
    [NASA-CASE-LEW-11005-1]
                                          c09 N72-21243
  Development and characteristics of data
    multiplexer circuit using field effect
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SUBJECT INDEX SYSTEM FAILURES

transistors arranged in tree suitching	Digital synchronizer for extracting binary data
Configuration Configuration	in receiver of PSK/PCM communication system
[NASA-CASE-NPO-11333] c08 N72-22162	[NASA-CASE-NPO-10851] c07 k71-24613
Pulse coupling circuit with switch between generator and winding	video sync processor with phase locked system [NASA-CASE-KSC-10002] c10 N71-25865
[NASA-CASE-LEH-10433-1] CO9 N72-22197	System for generating timing and control signals
Solid state remote circuit selector switching	during repetitive fixed length serial data
Circuit [NASA-CASE-LEH-10387] C09 N72-22201	transmission [wick-case-who-13135-13
Pressure operated electrical switch responsive	[NASA-CASE-NPO-13125-1] c09 N73-18225 Pulse code modulated signal synchronizer
to pressure decrease after pressure increase	[NASA-CASE-HSC-12462-1] c07 N74-20809
[NASA-CASE-LAR-10137-1]	Pulse code modulated signal synchronizer
Transistorized switching logic circuits with tunnel diodes	[NASA-CASE-MSC-12494-1] c07 N74-20810 SYNCHRONOUS HOTORS
[NASA-CASE-GSC-10878-1] c10 N72-22236	Synchronous dc direct-drive system comprising
Switching circuit for control of cathode ray	multiple-loop hybrid control system
tube beam with fast rise time for output signal [NASA-CASE-KSC-10647-1] c10 N72-31273	controlling load directly connected to actuator [NASA-CASE-GSC-10065-1] c10 N71-27136
Blectronic wideo editor for switching wideo	[NASA-CASE-GSC-10065-1] c10 N71-27136 Hotor run-up system for preventing power
input signals to common output channel	line disturbances when synchronous motor is
[NASA-CASE-KSC-10003] c10 N73-13235	connected to line
High isolation RF signal selection switches [NASA-CASE-NPO-13081-1] c07 N73-23106	(NASA-CASE-NPO-13374-1) c10 N74-17949 SYNCHRONOUS SATELLITES
Solid state switch for variable circuit switching	Position locating system for remote aircraft
[NASA-CASE-NPO-10817-1] c08 N73-30135	using voice communication and digital signals
Manually and automatically operable video switching system	[NASA-CASE-GSC-10087-2] c21 N71-13958 Serrodyne traveling wave tube reentrant
[NASA-CASE-KSC-10782-1] c07 N73-32063	applifier for synchronous communication
Transparent switchboard which permits optical	satellites operating at microwave frequencies
display devices to be adapted for use in man machine communications	[NASA-CASE-XGS-01022]
[NASA-CASE-MSC-13746-1] c10 N73-32143	Traffic control system for supersonic transports using synchronous satellite for data relay
SHITCHING THEORY	between vehicles and ground station
Multiple circuit switch apparatus requiring	[NASA-CASE-GSC-10087-1] c02 N71-19287
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SHIVELS	synchronous satellite or ground based radar. [NASA-CASE-GSC-10553-1] c07 N71-19854
Stivel support for gas bearing for position	Satellite network synchronization system with
adjustment between ball and supporting cup [NASA-CASE-XMF-07808] c15 N71-23812	multiple access to multiplex repeater
[NASA-CASE-XMP-07808] c15 N71-23812 SYBCHRONISH	[NASA-CASE-GSC-10390-1] C07 N72-11149 Development of device for simulating charge and
Synchronizing apparatus for multi-access	discharge cycle of battery in synchronous orbit
satellite time division multiplex system	[NASA-CASE-GSC-11211-1] c03 N72-25020
[NASA-CASE-XGS-05918] c07 N69-39974 Circuitry for generating sync signals in FM	SYNTHESIS Synthesis of polymeric schiff bases by
communication systems including video	schiff-base exchange reactions
information	[NASA-CASE-XMF-08651] c06 N71-11236
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at several ground stations based on signals	polymers [NASA-CASE-XMF-10753] c06 N71-11237
received from spacecraft or satellites	Synthesis and chemical properties of
[NASA-CASE-INP-08875] c10 N71-23099	imidazopyrrolone/imide copolymers
Pulse generator for synchronizing or resetting electronic signals without requiring separate	[NASA-CASE-XLA-08802] C06 N71-11238 Chemical synthesis of formaldehyde based
external source	disinfectants without penetrating odor and eye
[NASA-CASE-XGS-03632] c09 N71-23311	and ear irritation properties
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using moon reflected coded signals	monomeric diamines and polycarboxylic acid
[NASA-CASE-NPO-10143] c10 N71-26326	esters
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pseudonaise codes	pulse frequency modulation telemetry systems
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two phase locked loops	coated polyester sheets having resealable septu
[NASA-CASE-XNP-00777] c10 N71-19469	[NASA-CASE-NPO-10123] c15 N71-24835
Phase locked phase modulation system with woltage controlled oscillator for final phase	Structure of fabric layers for micrometeoroid protection garment with capability for
linearity	eliminating heat shorts for use in
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[NASA-CASE-KSC-10393] c09 N72-21247	indium metal used as sealant barriers for -
SYNCHRONIZERS	spacecraft walls and pumping liquid propellants
Development and characteristics of burst synchronization detection system	[NASA-CASE-YNP-08881] c17 N71-28747 SYDTHETIC RESIDS
[NASA-CASE-XMS-05605-1] c10 N71-19468	Process permitting application of synthetic
Time division relay synchronizer with master	resin coating to irregular-shaped objects at
sync pulse for activating binary counter to produce signal identifying time slot for station	ambient temperature
[NASA-CASE-GSC-10373-1] c07 N71-19773	[NASA-CASE-XNP-06508] c18 N69-39895 SYSTEH FAILURES
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control system [NASA-CASE-XNP-03744] c10 N71-20448	and resistance to operational failure under
[10 0 0 11 - 20440	high stress conditions [NASA-CASE-XGS-08259] c14 N71-23698

Fault-tolerant clock apparatus for use in
digital logic systems which maintains output
digital logic systems which many
pulses during component failure
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Analog to digital conference and N72-22166
Pseudo-noise test set for communication system
evaluation
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AND THE THE THE TOTAL THE
Design of magnetohydrodynamic induction machine
Design of magnetony design compensating
with end poles which produce compensating
magnetic fields
[NASA-CASE-XNP-07481] c25 N69-21929
powering type flying vehicle design and
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TNACA-CASE-MSC-12111-11 C02 N71-11039
[NASA-CASE-MSC-12111-1] c02 N71-11039
Solar battery with interconnecting means for
plural cells
[NASA-CASE-XNP-06506] c03 N71-11050
mrangaront polycarhonate resin, shell helmet
and latch design for high altitude and space
flight [NACA=CASR=YNS=04935]
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Cassegrain antenna
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plasmas
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Alarm system design for monitoring one or more
relay cicuits
[NASA-CASE-XMS-10984-1] c10 N71-19417
Wide range analog data compression system
[N3SA-CASE-IGS-02612] C08 N71-19435
[NASA-CASE-IGS-02612] C08 N/1-19435 Space suit body heat exchanger design composed
Space suit body near exchange the liquid contant
of thermal conductance yarn and liquid coolant
loops
[NASA-CASE-XMS-09571] COS N71-19439
Silicon radiation detecting probe design for in
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vivo biomedical use [NASA-CASE-XMS-01177] c05 N71-19440 Design and operation of high speed binary to decimal conversion system [NASA-CASE-XGS-01230] c08 N71-19544 Spatter proof evaporant source design for use in vacuum deposition of solid thin films on substrates [NASA-CASE-XMF-06065] c15 N71-20395 Nethod and apparatus for fabrication of heat insulating and ablative reentry structure
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                                              c14 N71-23790
  [ NASA-CASE-XAC-04885 ]
Transducer circuit design with single coaxial
  cable for input and output connections
   including incorporation into miniaturized
  catheter transducer
                                              c09 N71-24597
  [ NASA-CASE-ARC-10132-1]
method of attaching cover glass to silicon solar
  cell without using adhesive [NASA-CASE-XLB-08569-2]
                                              c03 N71-24681
Development of attitude control system for
sounding rocket stabilization during ballistic
phase of flight
[NASA-CASE-XGS-01654] c31
Temperature telemetric transmitter with
   frequency determining tank circuit for short
   range transmission
range transmission
[NASA-CASE-NPO-10649] c07 N71-
Tuning arrangement for frequency control of
magnetron-type electron discharge device
[NASA-CASE-XNP-09771] c09 N71-
                                              c09 N71-24841
 Broadband modified turnstile antenna for use in
   space tracking and communications
[NASA-CASE-MSC-12209]
                                              c09 N71-24842
 Apparatus to determine electric field strength
   by measuring deflection of electron beam
   impinging on target
                                               CO9 N71-24843
   [NASA-CASE-XMF-06617]
 Binary to decimal decoder logic circuit design with feedback control and display device
                                              c08 N71-24890
 [NASA-CASE-IKS-06167] c08 N71-248
Noninterruptable digital counter circuit design
    with display device for pulse frequency
    modulation
    [NASA-CASE-XNP-09759]
 Quick disconnect duct coupling device for
    single-handed operation
 [NASA-CASE-MFS-20395] c15 N71-2490
Brushless dc tachometer design with Hall effect
 crystals and output voltage magnitude proportional to rotor speed
                                               c09 N71-24904
    [ NASA-CASE-MFS-20385]
 Pneumatic mechanism for releasing book and loop
    fasteners between large rigid structures
                                               c15 N71-25975
    [ NASA-CASE-KMS-10660-1]
 Sealed fluorescent tube light unit capable of
    connection with other units to form string of
    work lights
                                               c09 N71-26787
    [ NASA-CASE-XKS-05932]
 Apparatus for semiautomatic inspection of
    picrofilmed documents for density, resolution,
    size, and position
                                               c14 N71-26788
    (NASA-CASE-MFS-20240]
 Method and apparatus for remote measurement of
    displacement of marks on specimen undergoing
    tensile test
                                               c14 N72-11364
    [ NASA-CASE-NPO-10778]
  Spacecraft solar cell system with switching
    circuit to provide compensation for
    environmental changes
                                                CO3 N72-20031
    [ NASA-CASE-GSC-10669-1]
  Electric storage battery with high impact
    resistance
                                                CO3 N72-20032
    [NASA-CASE-NPO-11021]
  Three mirror glancing incidence system for X ray
    telescope
                                                c14 N72-20397
    [NASA-CASE-MFS-21372]
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Method and apparatus for providing active	[NASA-CASE-LAR-10961-1] c15 N73-12496
attitude control for spacecraft by converting	Ploating baffle for tank drain
any attitude motion of wehicle into simple	[NASA-CASE-RSC-10639] c15 N73-26472
rotational motion	TARTALUR
[NASA-CASE-HQN-10439] c21 N72-2162	4 Oxygen-doped tantalum emitter for thermionic
Development of light sensing system for	devices such as cesium vapor diodes
controlled orientation of object relative to	[NASA-CASE-NPO-11138] CO3 N70-34646
sun or other light source	Arc electrode of graphite with tantalum ball tip
[NASA-CASE-NPO-11311] c14 872-2541	4 [NASA-CASE-XLE-04788] c09 N71-22987
Development of thrust control system for	Organometallic compounds of niobium and tantalum
application to control of aircraft and	useful for film deposition
Spacecraft	[NASA-CASE-XNP-04023] c06 N71-28808
[NASA-CASE-MSC-13397-1] c21 N72-2559	
Combined shoulder harness and lap belt restraint	
system for use in aircraft or automobiles [NASA-CASE-ARC-10519-1] c05 M72-3111	nickel alumina bonding agent, and ceramic
[NASA-CASE-ARC-10519-1] c05 N72-3111	
Development of computer program for estimating reliability of self-repair and fault-tolerant	[NASA-CASE-XLA-03105] c15 N69-27483
systems with respect to selected system and	TARTALUH OXIDES
mission parameters	Development of thin film temperature sensor from
[NASA-CASE-NPO-13086-1] c15 N73-1249	TaO
Design and development of active control system	
for air cushion vehicle to reduce or eliminate	TAPE RECORDERS
effects of excessive vertical vibratory.	
acceleration	recording to signals of sufficient interest [NASA-CASE-XHS-06949] c09 N69-21467
[NASA~CASE-LAR-10531-1] c02 N73-13023	[NASA-CASE-XBS-06949] c09 N69-21467 Endless loop tape transport mechanism for
deasurement system for physical quantity	driving and tensioning recording medium in
represented by or converted to variable.	magnetic tape recorder
frequency signal	[NASA-CASE-NGS-01223] C07 N71-10609
[NASA-CASE-MES-20658-1] c14 N73-30380	Development of low friction magnetic recording
Holographic system for nondestructive testing	tape
[NASA-CASE-BFS-21704-1] c16 N73-30478	
Design of precision vertical alignment system	Tape guidance system for multichannel digital
using laser with gravitationally sensitive	recording system
cavity	[NASA-CASE-XNP-09453] COS N71-19420
[NASA-CASE-ARC-10444-1] c16 873-33397	Design and development of synchronous servo loop
System for calibrating pressure transducer	control system
[NASA-CASE-LAR-10910-1] 614 N74-13132 SYSTEES STABILITY	
	Development of data storage system for storing
Development and characteristics of annular momentum control device for two axis	digital data in high density format on
stabilization of spacecraft	magnetic tape
[NASA-CASE-LAR-11051-1] c21 N73-28646	[NASA-CASE-XNP-02778] c08 N71-22710
SYSTOLIC PRESSURE	-2 Aloten abbarates to reduce
Automatic system for measuring and monitoring	tape recorder now and flutter noise during
systolic and diastolic blood pressure in humans	playback [NASA-CASE-KGS-01812]
[NASA-CASE-MSC-13999-1] c05 N72-25142	
	and resistance to operational failure under
T T	high stress conditions
•	[NASA-CASE-XGS-08259] c14 N71-23698
TACHOHETERS	Transient wideo signal tape recorder with
Digital cardiotachometer incorporating circuit	expanded playback
for measuring heartbeat rate of subject over	[NASA-CASE-ARC-10003-1] c09 N71-25866
predetermined portion of one minute also	Closed loop servosystem for variable speed tape
converting rate to beats per minute	recorders onboard spacecraft
[NASA-CASE-XRS-02399] co5 N71-22896	
Brushless de tachometer design with Hall effect crystals and output voltage magnitude	Design and characteristics of recording system
proportional to rotor speed	for selective reprocessing and filtering of
[NASA-CASE-MFS-20385] c09 N71-24904	data to obtain optimum signal to noise ratios
Development of instantaneous reading tachometer	[
for measuring electrocardiogram signal rate	Video tape recorder with scan conversion playback for color television signals
[NASA-CASE-MFS-20418] c14 N73-24473	
TARBOFF	[NASA-CASE-NPO-10100-1] c07 N73-22076 Recording apparatus
Aircraft instrument for indicating malfunctions	[NASA-CASE-LAR-11353-1] c14 x74-20020
during takeoff	TAPERED COLURES
[NASA-CASE-XLA-00100] c14 N70-36807	Hethod for shaping regeneratively cooled rocket
Aircraft indicator for pilot control of takeoff	notor casing having minimum thickness at each
roll, climbout path and verticle flight path	channel cross section
in poor visibility conditions	[NASA-CASE-XLE-00409] c28 H71-15658
[NASA-CASE-ILA-00487] c14 N70-40157	Regeneratively cooled rocket motor casing with
Pandrots	tapered channels to insure minimum thicknesses
Integrated circuit tangmet function generator [NASA-CASE-HSC-13907-1] c10 N73-26230	at each channel cross section for necessary
TARE GROBETRY	
Liquid propellant tank design with semitoroidal	[NASA-CASE-XLE-05689] c28 N71-15659
pulkhead cank design ofth semicoloidal	PARGET ACQUISITION
[NASA-CASE-KEP-01899] c31 N70-41948	Acquisition and tracking system for optical radar
TABLES (CONTAINES)	
Radiation source and detection system for	Target acquisition antenna feed with reflector system
measuring amount of liquid inside tanks	F W 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2
independently of liquid configuration	Development of electronic detection system for
[NASA-CASE-MSC-12280] c27 N71-16348	remotely determining number and movement of
Development of apparatus and method for testing	enemy personnel
leakage of large tanks	[NASA-CASE-ARC-10097-2] c07 N73-25160
[NASA-CASE-XHY-02392] c32 N71-24285	TARGET RECOGNITION
Design and development of device to prevent	Electronic background suppression field scanning
clogging in hoppers containing particulate	sensor for detecting point source targets
materials	[#ASA-CASE-XGS-U5211] CO7 N69-39980
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TEFLON (TRADEMARK)	[NASA-CASE-NPO-11593-1] c07 N73-28012
Reinforced FEP Teflon composite material	TELESCOPES
diffusion bonded to metal substrate	Pneumatic control of telescopic mirror support
[NASA-CASE-MFS-20482] C15 N72-22492	system [NASA-CASE-XLA-03271] c11 N69-24321
TELECOMUNICATION	Tracking mount for laser telescope employed in
Adaptive compression signal processor for PCM communication systems	tracking large rockets and space vehicles to
[NASA-CASE-XLA-03076] C07 N71-11266	give information regarding azimuth and elevation
Circuitry for generating sync signals in FM	[NASA-CASE-MFS-14017] c14 N71-26627
communication systems including wideo	Development of reflector system for application
information 07 v74 44304	to line-of-sight pointing and tracking
[NASA-CASE-XNP-10830] CO7 N71-11281	telescopes [NASA-CASE-NPO-10468]
Automatic estimation of signal to noise ratio and other parameters in signal communication	Design and development of light sensing device
systems	for controlling orientation of object relative
r Nasa-case-x NP-05254] c07 N71-20791	to sun or other light source
Digital synchronizer for extracting binary data	[NASA-CASE-NPO-11201] c14 N72-27409
in receiver of PSK/PCM communication system	Borescope with adjustable hinged telescoping
[NASA-CASE-NPO-10851] CO7 N71-24613	optical system [NASA-CASE-MFS-15162] c14 M72-32452
Encoders designed to generate comma free	[NASA-CASE-MPS-15162] C14 M72-32452 Ritchey-Chretien telescope responsive to images
biorthogonal Reed-Muller type code comprising	located off telescope optical axis
conversion of 64 6-bit words into 64 32-bit data for communication purposes	[NASA-CASE-GSC-11487-1] c14 N73-30393
[NASA-CASE-NPO-10595] C10 N71-25917	Servo-controlled intravital microscope system
Design of nonlinear coherence receiver with	[NASA-CASE-NPO-13214-1] c14 N74-19093
feedback signal selection for carrier tracking	TELETYPEWRITER SYSTEMS
in telecommunications	Teletypewriter wideo communication system and
[NASA-CASE-NPO-11921-1] c07 N73-23118	apparatus [NASA-CASE-XNP-06611]
Multicarrier communications system for	[NASA-CASE-XNP-06611] c07 N71-26102 TELEVISION CAMBRAS
transmitting modulated signals from single	Electrically operated rotary shutter for
transmitter [NASA-CASE-NPO-11548] c07 N73-26118	television camera aboard spacecraft
Phase modulation of tone and binary signals on	[NASA-CASE-XNP-00637] c14 N70-40273
carrier waves in communication systems	TV camera output signal control system for
[NASA-CASE-GSC-11743-1] c07 N73-27107	digital spacecraft communication
Synchronized digital communication system	[MASA-CASE-INP-01472] c14 N70-41807
[NASA-CASE-XNP-03623] c09 N73-28084	Solid state television camera system consisting of monolithic semiconductor mosaic semsor and
Pseudo-noise test set for communication system	molecular digital readout systems
evaluation [NASA-CASE-MFS-22671-1] c14 N74-13146	[NASA-CASE-XMF-06092] CO7 M71-24612
TELEMETRY	Color television system for allowing monochrome
Fabrication of pressure-telemetry transducers	television camera to produce color pictures
[NASA-CASE-KNP-09752] C14 N69-21541	[NASA-CASE-M5C-12146-1] c07 N72-17109
Telemetry data unit to form multibit words for	TELEVISION EQUIPMENT
use between demodulator and computer	Conversion system for transforming slow scan
[NASA-CASE-INP-09225] c09 N69-24333	rate of Apollo TV camera on moon to fast scan of commercial TV
Development of telemetry system for position location and data acquisition	[NASA-CASE-XHS-07168] c07 H71-11300
[NASA-CASE-GSC-10083-1] c30 N71-16090	Automatic closed circuit television arc guidance
Telespectrograph for analyzing upper atmosphere	control for welding joints
by tracking bodies reentering atmosphere at	[NASA-CASE-MFS-13046] c07 N71-19433
high velocities	Color television system utilizing single gun
[NASA-CASE-XLA-03273] c14 N71-18699	current sensitive color cathode ray tube [NASA-CASE-ERC-10098] c09 N71-28618
Digitally controlled frequency synthesizer for	[NASA-CASE-ERC-10098] c09 N71-28618 Development of spacecraft docking system for
pulse frequency modulation telemetry systems [NASA-CASE-XGS-02317] c09 N71-23525	optical alignment of spacecraft using
Time division multiplexed telemetry transmitting	television camera system
system controlled by programmed memory	[NASA-CASE-MSC-12559-1] c31 N73-26879
[NASA-CASE-GSC-10131-1] c07 N71-24624	Television multiplexing system, using single
Temperature telemetric transmitter with	crystal controlled clock for signal
frequency determining tank circuit for short	synchronization [NASA-CASE-KSC-10654-1] c07 N73-30115
range transmission [NASA-CASE-NPO-10649] c07 N71-24840	[NASA-CASE-KSC-10654-1] c07 N73-30115 Rotating raster generator
[NASA-CASE-NPO-10649] c07 N71-24840 System designed to reduce time required for	[NASA-CASE-FRC-10071-1] c07 N74-20813
obtaining synchronization in data	Auditory display for the blind
communication with spacecraft utilizing	[NASA-CASE-HQN-10832-1] c14 N74-21014
pseudonoise codes	TRLEVISION RECEIVERS
[NASA-CASE-NPO-10214] c10 N71-26577	Improvements in receiver of narrow bandwidth
Zero power telemetry actuated switch for	television system [NASA-CASE-XMS-06740-1] c07 N71-26579
biomedical equipment [NASA-CASE-ARC-10105] c09 N72-17153	TELEVISION SYSTEMS
Development and characteristics of telemetry	Electron beam scanning system for improved image
system using computer-accessed circuits and	definition and reduced power requirements for
remotely controlled from ground station	video signal transmission
[NASA-CASE-NPO-11358] c07 N72-25172	[NASA-CASE-ERC-10552] c09 N71-12539
Control and information system for digital	Development and characteristics of burst
telemetry data using analog converter to digitize sensed parameter values	synchronization detection system ·[NASA-CASE-XMS-05605-1] c10 N71-19468
[NASA-CASE-NPO-11016] cos N72-31226	Improvements in receiver of narrow bandwidth
Characteristics of two channel telemetry system	television system
with two data rate channels for high and low	[NASA-CASE-XMS-06740-1] c07 N71-26579
data rate communication	Stereoscopic television system, including
[NASA-CASE-NPO-11572] c07 N73-16121	projecting pair of binocular images
Telemetry and transmission system with	[NASA-CASÉ-ARC-10160-1] c23 N72-27728
programmed sampling and multiplexing [NASA-CASE-GSC-11388-1] c07 N73-24187	TELEVISION TEANSHISSION Television simulation for aircraft and space
[NASA-CASE-GSC-11388-1] c07 N73-24187 Improved phase lock loop for receiver in	flight
multichannel telemetry system with suppressed	[NASA-CASE-XPR-03107] C09 N71-19449
carrier	· · · · · · · · · · · · · · · · · · ·

Automatic frequency control for Fa transmitter

ESPERATORE COA	N74-19790
Pluorinated esters of polycarboxylic act	id and
runiicating compositions for use at e	ctreme
temperature [NASA-CASE-MFS-21040-1] c06	
REPRESENTED COMPENSATION	N73-30098
Temperature compensated solid state diff	erential
dmpiriter dith application in	
bioinstrumentation circuits [NASA-CASE-XAC-00435] c09	30. 25000
Variable frequency magnetic coupled	N70-35440
multivibrator with temperature compens	ated
frequency control circuit	
[NASA-CASE-IGS-00458] c09 Matched thermistors for microwave power	N70-38604
pith compensation for temperature char	uetels iges
L NASA-CASE-NPO-103481 c.10	N71-1255A
Development of temperature compensated t measuring gage for measuring forces as	hrust
function of time in environment with w	ar v ing
temperature	
[NASA-CASE-XGS-02319] c14	N71-22965
Variable frequency subcarrier oscillator temperature compensation	Altu
[NASA-CASE-XNP-03916] cgg	N71-28810
Omnidirectional liquid filled accelerome	ter
design with liquid and housing tempera compensation	ture
[NASA-CASE-BON-10780] C14	N71-30265
Development of thermal compensating stru	cture
Which maintains uniform length with ch	anges in
temperature [NASA-CASE-MFS-20433] c15	N72-28496
Development of temperature compensated 1	iaht
source with components and circuitry f	or
maintaining luminous intensity indepen temperature variations	dent of
	N73-14214
BUPBBATURE CONTROL	
Method and apparatus using temperature c	ontrol
for wavelength tuning of liquid lasers [NASA-CASE-ERC-10187] c16	N69-31343
Ultraviolet radiation resistant alkali-m	etal
silicate coatings for temperature cont	rol of
spacecraft [NASA-CASE-XGS-04119] c18	N 69-39979
Passive thermal control coating on alumi	num foil
laminate for inflatable spacecraft sur	faces
[BASA-CASE-XLA-01291] c33 Thermal switch for transferring excess h	N70-36617
one region to another heat dissipating	
[NASA-CASE-XNP-00463] c33	N70~36847
Sandwich panel structure for removing he shield between hot and cold areas	at from
	N70~37979
Device for adding water to high velocity	exhaust
jets to reduce velocity, noise, and ter	perature
[NASA-CASE-XMF-01813] c28 : Modifying existing solar cells for tempe:	N70-41582
control	Lucuro
[NASA-CASE-NPO-10109] c03	N71-11049
Temperature sensor warning system for pro- tires of aircraft and ground vehicles	eumatic
	N71~15620
Intermittent type silica gel adsorption	
refrigerator for providing temperature for spacecraft components	control
	171-15906
Using heat control unit to preheat circul	lating
fluid [NASA-CASE-XMF-04237] c33]	24 46080
Mounting apparatus for temperature control	171~16278 ol system
[NASA-CASE-NPO-10138] c33)	171~16357
Design and development of device for cool	Ling
inner conductor of coaxial cable [NASA-CASE-XNP-09775] c09 h	71-20445
Thermal control wall panel with applicati	
spacecraft cabins	
[NASA-CASE-XLA-01243] c33 pevelopment and characteristics of therma	71~227 92
sensitive panel for controlling ratio	
absorptivity to surface emissivity for	space
vehicle temperature control	74 00000
[NASA-CASE-XLA-07720] c33 Nethod and apparatus for adjusting therma	1 71- 22890
conductance in electronic components for	
use	

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[NASA-CASE-KNP-05524]
                                                 c33 N71-24876
     Device for rapid adjustment and maintenance of
       temperature in electronic components
       [NASA-CASE-XNP-02792]
                                                c14 N71-28958
     Automatic control device for regulating inlet
       water temperature of liquid cooled spacesuit [NASA-CASE-MSC-13917-1] c05 N72-15
                                                c05 N72-15098
     Development of method for controlling vapor
       content of gas [NASA-CASE-NPO-10633]
    Development of Mylar enclosure for maintaining
temperature of balloon-borne batteries and
       electronic modules
[NASA-CASE-GSC-11620-1]
    Atomic bydrogen maser with bulb temperature control by output frequency difference signal
    for wall shift elimination
[NASA-CASE-HQN-10654-1] c16 N73-134:
Design and development of thermomechanical pump
                                                c16 N73-13489
       for transmitting warming fluid through fluid
       circuit to control temperature of spacecraft
       instrumentation
       [NASA-CASE-NPO-11417]
    Automatic temperature control for liquid cooled
       space suit
       [NASA-CASE-ARC-10599-1]
    Temperature control system comprised of
      wheatstone bridge with RC circuit [NASA-CASE-NPO-11304]
    Development and characteristics of thermal
      control system for maintaining constant
       temperature within spacecraft module with wide
       variations of component heat transfer
       [NASA-CASE-GSC-11018-1]
                                                c31 N73-30829
    Self-regulating proportionally controlled
heating apparatus and technique
[NASA-CASE-GSC-11752-1] c33 N
                                                c33 N74-19583
TEMPERATURE DISTRIBUTION
    Oven for heat treating heat shields
      [NASA-CASE-XMS-04318]
                                                c15 N69-27871
TEMPERATURE EFFECTS
    Shock and vibration damping device using
      temperature sensitive solid amorphous polymers
[NASA-CASE-XAC-11225] c14 N69-27486
    Differential pressure cell insensitive to
      changes in ambient temperature and extreme
      overload.
      [NASA-CASE-XAC-00042]
    Fluid flow control valve for regulating fluids
      in molecular quantities
    [NASA-CASE-RLE-00703] c15 N71:
Describing device for changing flow rate of
                                                c15 N71-15967
      fluid in duct in response to change in
      temperature
      [NASA-CASE-MFS-14259]
                                                c15 N71-19213
    Temperature sensitive magnetometer with
      pulsating thermally cycled magnetic core
      [NASA-CASE-XAC-03740]
                                               c14 N71-26135
    Development of system with electrical properties
      which wary with changes in temperature for use
      with feedback loop in operational amplifier
      circuit.
      [NASA-CASE-MSC-13276-1]
   Procedure for repairing and recovering voice data from heat damaged magnetic tapes
      [ NASA-CASE-MSC-14219-1]
TERPERATURE GRADIENTS
    Differential thermopile for measuring cooling
      water temperature rise
      [NASA-CASE-YAC-00812]
                                                c14 N71-15598
   Development of temperature compensated light
source with components and circuitry for
      maintaining luminous intensity independent of
temperature variations
      [NASA-CASE-ARC-10467-1]
                                                c09 N73-14214
    Method for compression molding of thermosetting
      plastics utilizing a temperature gradient across the plastic to cure the article
      [NASA-CASE-LAR-10489-1]
                                               c15 N74-18124
    Method and apparatus for checking fire detectors
     [NASA-CASE-GSC-11600-1]
TESPERATURE HEASURESENT
   Thin film gage for measuring convective heat transfer on surfaces in air stream
      [NASA-CASE-NPO-10617]
                                               c14 N70-12618
   Filter arrangement for controlling light
      intensity in motion picture camera used in
      optical pyrometry
     [ NASA-CASE-XLA-00062 ]
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c14 N70-33254

for appointing thermal	[NASA-CASE-NPO-10649] c07 N71-24840
Development of apparatus for measuring thermal	Black body radiometer design with temperature
conductivity [NASA-CASE-XGS-01052] c14 N71-15992	sensing and cavity heat source cone winding
resign and characteristics of thermocouples	[NASA-CASE-XNP-09701] c14 N71-26475
consisting of flexible tape for improved	Thin film capacitive bolometer and capacitance
attachment to temperature source	temperature interchange sensor [NASA-CASE-NPO-10607] c09 N71-27232
[NASA-CASE-XNP-01659] c14 N71-23039	Development of thin film temperature sensor from
Black body cavity radiometer with thermal	TaO
resistance wire bridge circuit [NASA-CASE-XNP-08961]	[NASA-CASE-NPO-11775] G26 N72-28761
Design development, and characteristics of	TRMPLATES
pressure and temperature sensor operating	Precision surface cutter for screen circuit
immersed in fluid flow	negatives and other microcircuits [NASA-CASE-XLA-09843] c15 N72-27485
[NASA-CASE-LEW-10281-1] c14 N72-17327	[NASA-CASE-KLA-09843] c15 N72-27485 TRNSILE STRENGTH
Development of thermocouple instrument for	Method for producing fiber reinforced metallic
measuring temperature of wall heated by flowing fluid without disturbing boundary layer	composites with high strength and elasticity
[NASA-CASE-XLE-05230] C14 N72-27410	over wide temperature range
Thermocouple apparatus for measuring wall	[NASA-CASE-XLE-00231] c17 N70-38198
temperatures in regeneratively cooled rocket	Composites reinforced with short metal fibers or
engines having thin walled cooling passages	whiskers and having high tensile strength fnasa-case-xle-002281 c17 N70-38490
$r_{NASA} = c_{ASE} = x_{LE} = 05230 = 23$ $c_{LE} = 05230 = 23$	[NASA-CASE-XLE-00228] c17 N70-38490 Apparatus for tensile strength testing of
Thermochronic compositions for detecting heat	specimen by pressurized fluid
levels in electronic circuits and devices f NASA-CASE-NPO-10764-11 c14 N73-14428	[NASA-CASE-XKS-06250] C14 N71-15600
[NASA-CASE-NPO-10764-1] C14 N73-14428 Method of fabricating an article with cawities	Process for fiberizing ceramic materials with
with thin bottom walls	high fusion temperatures and tensile strength
[NASA-CASE-LAR-10318-1] C14 N74-18089	[NASA-CASE-XNP-00597] c18 N71-23088
Method for determining thermo-physical	Tensile strength testing device having pulley
properties of specimens photographic	guides for exerting multiple forces on test
recording of changes in thin film phase-change	specimen [NASA-CASE-XNP-05634] c15 N71-24834
temperature indicating material in wind tunnel	TENSILE STEESS
[NASA-CASE-LAR-11053-1] c33 N74-18551	Method for testing rocket nozzles at high
TEMPERATURE MEASURING INSTRUMENTS Temperature sensor warning system for pneumatic	tensile stress levels
tires of aircraft and ground vehicles	[NASA-CASE-NPO-10311] c31 N71-15643
[NASA-CASE-XLA-01926] C14 N71-15620	Device for measuring tensile forces applied to
Electric network for monitoring temperatures,	tension members
detecting critical temperatures, and	[NASA-CASE-MFS-21728-1] c14 N73-25467
indicating critical time duration	TBBSILE TEST Tensile strength testing device having pulley
[NASA-CASE-XMF-01097] c10 N71-16058	quides for exerting multiple forces on test
Electromagnetic energy detection by thermal	specimen
sensor with vibrating electrode [NASA-CASE-XAC-10768] C09 N71-18830	[NASA-CASE-XMP-05634] c15 N71-24834
Input radio frequency circuit for switching type	TENSILE TESTS
absolute temperature measuring radiometer for	Apparatus for tensile strength testing of
noise sources	specimen by pressurized fluid
[NASA-CASE-ERC-11020] C-14 N71-26774	[NASA-CASE-XKS-06250] c14 N71-15600
High intensity radiant energy pulse source for	Apparatus for measuring load on cable under static or dynamic conditions comprising
calibrating heat transfer gages with	pulleys pivoting structure against restraint
thermoluminescent shutter activation [NASA-CASE-ARC-10178-1] c09 N72-17152	of tension strap
Inquestible miniaturized telemetry device for	rnasa-case-xms-04545] c15 n71-22878
deep body temperature measurements on humans	Method and apparatus for remote measurement of
and animals	displacement of marks on specimen undergoing
[NASA-CASE-ARC-10583-1] c05 N73-14093	tensile test [NASA-CASE-NPO-10778]
Development of flexible thermocouple in form of	[NASA-CASE-NPO-10778] C14 N/2-11364 Development of test apparatus for subjecting
tape for adaptation to special temperature	metal specimen to tensile and compressive
measuring conditions [NASA-CASE-LEW-11072-1] c14 N73-24472	loads at constant temperature
TREPERATURE PROBES	f NASA-CASE-LAR-10426-11 c32 N72-27947
Thermally sensitive tuning probe for mullifying	Anti-buckling fatigue test assembly for
detuning effects in microwave cavity resonator	subjecting metal specimen to tensile and
of amplifier	compressive loads at constant temperature f NASA-CASE-LAR-10426-11 c32 N74-19528
[NASA-CASE-XNP-00449] C14 N70-35220	[
Design, development, and characteristics of	TENSION A meter for use in detecting tension in straps
pressure and temperature sensor operating immersed in fluid flow	having predetermined elastic characteristics
[NASA-CASE-LEW-10281-1] C14 N72-17327	[NASA-CASE-MFS-22189-1] C14 N74-10421
Organic amine and nitroaromatic mixed compound	TRANINAL GUIDANCE
for heat change detection in microelectronic	Data processing and display system for terminal
components	guidance of X-15 aircraft
[NASA-CASE-NPO-10764-2] c10 N73-20259	[NASA-CASE-XPR-00756] c02 N71-13421
TREPERATORE SENSORS	Terginal guidance system for guiding aircraft into preselected altitude and/or
Miniaturized radiometer for detecting low level thermal radiation	heading at terminal point
[NASA-CASE-XLA-04556] C14 N69-27484	[NASA-CASE-PRC-10049-1] c21 N74-13420
Mounting fixture for supporting thermobulb in	TEBRAIN
pipeline	Vertically descending flight vehicle landing
[NASA-CASE-NPO-10158] c33 N71-16356	gear for rough terrain
Mounting apparatus for temperature control system	[NASA-CASE-XMF-01174] G02 N70-41589
[NASA-CASE-NPO-10138] C33 N71-16357	TEST CHAMBERS
Heat flux sensor adapted for mounting on	System for continuous monitoring of exhalations, weighing, and cage cleaning for animal exposed
aircraft or spacecraft to measure aerodynamic	to controlled atmosphere for toxic study
heat flux inflow to aircraft skin [NaSA-CASE-XFR-03802] c33 N71-23085	F NA SA-CASE-XAC-053331 C11 N71-228/2
Temperature telemetric transmitter with	nultisample test chamber for exposing materials
frequency determining tank circuit for short	to I rays, temperature change, and daseous
range transmission	conditions and determination of material effects

[NASA-CASE-IMS-02930] c11 W71-23042 Flammability test chamber for testing materials	
in additive test channer for testing materials	compressive loads at constant temperature
	[NASA-CASE-LAR-10426-1] c32 N74-19528
in certain predetermined environments	Visual examination apparatus
[NASA-CASE-KSC-10126] c11 N71-24985	[NASA-CASE-ARC-10329-2] c05 N74-19761
Pressure seals suitable for use in environmental test chambers	Gas chromatograph injection system
[NICL-CICH HDG ACTOCA	[NASA-CASE-ARC-10344-2] c14 N74-20021
Test chamber for determining decomposition and	Method and apparatus for checking fire detectors
autoignition of materials used in spacecraft	[NASA-CASE-GSC-11600-1] c14 N74-21019
under controlled environmental conditions	TEST FACILITIES
	Electric propulsion engine test chamber
Test changers with orifice and helium mass	[NASA-CASE-XLE-00252] c11 N70-34844
spectrometer for detecting leak rate of	Test apparatus for determining mechanical
encapsulated semiconductor devices	properties of refractory materials at high
	temperatures in vacuum or inert atmospheres
TEST BQUIPHENT c14 N71-28992	[NASA-CASE-XLE-00335] c14 N70-35368
Equipment for testing of ground station ranging	Gas analyzer for bi-gaseous mixtures suitable
equipment and spacecraft transponders	for use in test facilities
[NASA-CASE-XMS-05454-1] c07 N71-12391	[NASA-CASE-XLA-01131] c14 N71-10774
Apparatus for tensile strength testing of	Design and characteristics of device for
specimen by pressurized fluid	launching models in wind tunnels without
[NASA-CASE-XKS-06250] C14 N71-15600	disturbance of air flow
Development of black-body source calibration	[NASA-CASE-XNP-03578] c11 N71-23030
furnace	Design, development, and operation of shock tube
[NASA-CASE-XLE-01399] c33 N71-15625	with bypass piston tunnel
Design and characteristics of thermocouples	[NASA-CASE-NPO-12109] c11 N72-22245 TRST STANDS
consisting of flexible tape for improved	
attachment to temperature source	Automatic balancing device for use on
[NASA-CASE-XNP-01659] c14 N71-23039	frictionless supported attitude-controlled test platforms
Automatic controlled thermal fatigue testing	F. 113.4.2. 4.1.2. 4.1.2. 4.1.2. 4.1.2. 4.1.2. 4.1.2. 4.1.2. 4.1.2. 4.1.2. 4.1.2. 4.1.2. 4.1.2. 4.1.2. 4.1.2.
apparatus	[NASA-CASE-LAR-10774] c10 N71-13545
[NASA-CASE-XLA-02059] c33 N71-24276	Micro-pound extended range thrust stand for small rocket engines
Development and characteristics of electric	[NASA-CASE-GSC-10710-1] c28 N71-27094
CIFCuitry for detecting electrical pulses rise	TRIBERING CEER GOO TO THE TERMINA
time and amplitude	Force separation rigid tethering device using
[NASA-CASE-XMF-08804] c09 N71-24717	cables
Automated ball rebound resilience test equipment	[NASA-CASE-XLA-02332] c32 N71-17609
for determining viscoelastic properties of	Space expandable tether device for use as
polymers	passageway between two docked spacecraft
[NASA-CASE-XLA-08254] c14 N71-26161	[NASA-CASE-XMS-10993] c15 N71-20936
Portable equipment for validating C band launch	TETHERLINES
pad antennas and transmission lines used for	Flexible cable that can be made rigid
spacecraft checkout	[NASA-CASE-MSC-13512-1] c15 N72-22485
[NASA-CASE-XKS-10543] c07 N71-26292	TETRAPHREYLS
Acoustic Wibration test apparatus for Wiring	Chemical synthesis of thermally stable
harnesses	organometallic polymers with divalent metal
[NASA-CASE-MSC-15158-1] c14 N72-17325	ion and tetraphenylphosphonitrilic units
Design and development of two types of	
	[NASA-CASE-HQN-10364] c06 N71-27363
atmosphere sampling chambers	[NASA-CASE-HQN-10364] c06 N71-27363 TEXTILES
atmosphere sampling chambers [NASA-CASE-NPO-11373] c13 N72-25323	TEXTILES Process for developing flame retardant
atmosphere sampling chambers [NASA-CASE-NPO-11373] c13 N72-25323 Development of apparatus for testing burning	TEXTILES Process for developing flame retardant elastomeric composition textiles for use in
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atmosphere sampling chambers [NASA-CASE-NFO-11373] c13 N72-25323 Development of apparatus for testing burning rate and flammability of materials [NASA-CASE-XBS-09690] c33 N72-25913 Development of test apparatus for subjecting	TEXTILES Process for developing flame retardant elastomeric composition textiles for use in space suits [NASA-CASE-MSC-14331-1] c18 N73-27501 THERRAL ABSORPTION
atmosphere sampling chambers [NASA-CASE-NPO-11373] c13 N72-25323 Development of apparatus for testing burning rate and flammability of materials [NASA-CASE-XRS-09690] c33 N72-25913 Development of test apparatus for subjecting metal specimen to tensile and compressive	TEXTILES Process for developing flame retardant elastomeric composition textiles for use in space suits [NASA-CASE-MSC-14331-1] c18 N73-27501 THERHAL ABSORPTION Development and characteristics of calcumeter
atmosphere sampling chambers [NASA-CASE-NPO-11373] c13 N72-25323 Development of apparatus for testing burning rate and flammability of materials [NASA-CASE-XBS-09690] c33 N72-25913 Development of test apparatus for subjecting metal specimen to tensile and compressive loads at constant temperature	Process for developing flame retardant elastomeric composition textiles for use in space suits [NASA-CASE-MSC-14331-1] c18 N73-27501 THERHAL ABSORPTION Development and characteristics of calorimeter with integral heat sink for maintenance of
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atmosphere sampling chambers [NASA-CASE-NPO-11373] c13 N72-25323 Development of apparatus for testing burning rate and flammability of materials [NASA-CASE-NBS-09690] c33 N72-25913 Development of test apparatus for subjecting metal specimen to tensile and compressive loads at constant temperature [NASA-CASE-LAR-10426-1] c32 N72-27947 Development of apparatus for detonating explosive devices in order to determine forces	TEXTILES Process for developing flame retardant elastomeric composition textiles for use in space suits [NASA-CASE-MSC-14331-1] THERHAL ABSORPTION Development and characteristics of calorimeter with integral heat sink for maintenance of constant temperature [NASA-CASE-MF-04208] Direct thermal energy conversion using thermal
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atmosphere sampling chambers [NASA-CASE-NPO-11373] c13 N72-25323 Development of apparatus for testing burning rate and flammability of materials [NASA-CASE-KBS-09690] c33 N72-25913 Development of test apparatus for subjecting metal specimen to tensile and compressive loads at constant temperature [NASA-CASE-LAR-10426-1] c32 N72-27947 Development of apparatus for detonating explosive devices in order to determine forces generated and detonation propagation rate [NASA-CASE-LAR-10800-1] c33 N72-27959 Equipment for vibration testing of assemblies, components, and other articles	Process for developing flame retardant elastomeric composition textiles for use in space suits [NASA-CASE-MSC-14331-1] c18 N73-27501 THERHAL ABSORPTION Development and characteristics of calorimeter with integral heat sink for maintenance of constant temperature [NASA-CASE-XMP-04208] c33 N71-29051 Direct thermal energy conversion using thermal absorption principle [NASA-CASE-ARC-10461-1] c33 N73-20931 THERHAL CONDUCTIVITY Beasuring conductive heat flow and thermal conductivity of laminar gas stream in
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atmosphere sampling chambers [NASA-CASE-NPO-11373] c13 N72-25323 Development of apparatus for testing burning rate and flammability of materials [NASA-CASE-KBS-09690] c33 N72-25913 Development of test apparatus for subjecting metal specimen to tensile and compressive loads at constant temperature [NASA-CASE-LAR-10426-1] c32 N72-27947 Development of apparatus for detonating explosive devices in order to determine forces generated and detonation propagation rate [NASA-CASE-LAR-10400-1] c33 N72-27959 Equipment for vibration testing of assemblies, components, and other articles [NASA-CASE-GSC-11302-1] c14 N73-13416 Development of test probe device for simultaneous determination of condition of cells in multi-cell storage battery [NASA-CASE-MFS-20761-1] c03 N73-17037 Design and development of test stand system for supporting test items in vacuum chamber [NASA-CASE-MFS-21362] Test set for signal conditioner modules [NASA-CASE-KSC-10750-1] c14 N73-23527 Development and characteristics of apparatus for	Process for developing flame retardant elastomeric composition textiles for use in space suits [NASA-CASE-MSC-14331-1] c18 N73-27501 THERHAL ABSORPTION Development and characteristics of calorimeter with integral heat sink for maintenance of constant temperature [NASA-CASE-MF-04208] c33 N71-29051 Direct thermal energy conversion using thermal absorption principle [NASA-CASE-ARC-10461-1] c33 N73-20931 THERHAL CONDUCTIVITY Beasuring conductive heat flow and thermal conductivity of laminar gas stream in cylindrical plug to simulate atmospheric reentry [NASA-CASE-ALE-00266] c14 N70-34156 Development of apparatus for measuring thermal conductivity [NASA-CASE-KGS-01052] c14 N71-15992 Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] Bethod and apparatus for adjusting thermal
atmosphere sampling chambers [NASA-CASE-NPO-11373] c13 N72-25323 Development of apparatus for testing burning rate and flammability of materials [NASA-CASE-NRS-09690] c33 N72-25913 Development of test apparatus for subjecting metal specimen to tensile and compressive loads at constant temperature [NASA-CASE-LAR-10426-1] c32 N72-27947 Development of apparatus for detonating explosive devices in order to determine forces generated and detonation propagation rate [NASA-CASE-LAR-10800-1] c33 N72-27959 Equipment for vibration testing of assemblies, components, and other articles [NASA-CASE-GSC-11302-1] c14 N73-13416 Development of test probe device for simultaneous determination of condition of cells in multi-cell storage battery [NASA-CASE-MFS-20761-1] c03 N73-17037 Design and development of test stand system for supporting test items in vacuum chamber [NASA-CASE-MFS-21362] c11 N73-20267 Test set for signal conditioner modules [NASA-CASE-KSC-10750-1] c14 N73-23527 Development and characteristics of apparatus for measuring intensity of electric field in	Process for developing flame retardant elastomeric composition textiles for use in space suits [NASA-CASE-MSC-14331-1] c18 N73-27501 THERHAL ABSORPTION Development and characteristics of calorimeter with integral heat sink for maintenance of constant temperature [NASA-CASE-MF-04208] c33 N71-29051 Direct thermal energy conversion using thermal absorption principle [NASA-CASE-ARC-10461-1] c33 N73-20931 THERHAL CONDUCTIVITY Beasuring conductive heat flow and thermal conductivity of laminar gas stream in cylindrical plug to simulate atmospheric reentry [NASA-CASE-ALE-00266] c14 N70-34156 Development of apparatus for measuring thermal conductivity [NASA-CASE-KGS-01052] c14 N71-15992 Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] Bethod and apparatus for adjusting thermal
atmosphere sampling chambers [NASA-CASE-NPO-11373] c13 N72-25323 Development of apparatus for testing burning rate and flammability of materials [NASA-CASE-NRS-09690] c33 N72-25913 Development of test apparatus for subjecting metal specimen to tensile and compressive loads at constant temperature [NASA-CASE-LAR-10426-1] c32 N72-27947 Development of apparatus for detonating explosive devices in order to determine forces generated and detonation propagation rate [NASA-CASE-LAR-10800-1] c33 N72-27959 Equipment for vibration testing of assemblies, components, and other articles [NASA-CASE-GSC-11302-1] c14 N73-13416 Development of test probe device for simultaneous determination of condition of cells in multi-cell storage battery [NASA-CASE-HFS-20761-1] c03 N73-17037 Design and development of test stand system for supporting test items in vacuum chamber [NASA-CASE-HFS-21362] c11 N73-20267 Test set for signal conditioner modules [NASA-CASE-KSC-10750-1] c14 N73-23527 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere	Process for developing flame retardant elastomeric composition textiles for use in space suits [NASA-CASE-MSC-14331-1] Development and characteristics of calorimeter with integral beat sink for maintenance of constant temperature [NASA-CASE-MF-04208] Direct thermal energy conversion using thermal absorption principle [NASA-CASE-ARC-10461-1] C33 N73-20931 THERHAL CONDUCTIVITY Heasuring conductive heat flow and thermal conductivity of laminar gas stream in cylindrical plug to simulate atmospheric reentry [NASA-CASE-XIE-00266] Development of apparatus for measuring thermal conductivity [NASA-CASE-XIE-01652] Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] Bethod and apparatus for adjusting thermal conductance in electronic components for space
atmosphere sampling chambers [NASA-CASE-NFO-11373]	Process for developing flame retardant elastomeric composition textiles for use in space suits [NASA-CASE-MSC-14331-1] c18 N73-27501 THERHAL ABSORPTION Development and characteristics of calorimeter with integral beat sink for maintenance of constant temperature [NASA-CASE-MFF-04208] c33 N71-29051 Direct thermal energy conversion using thermal absorption principle [NASA-CASE-ARC-10461-1] c33 N73-20931 THERHAL COMDUCTIVITY Beasuring conductive heat flow and thermal conductivity of laminar gas stream in cylindrical plug to simulate atmospheric reentry [NASA-CASE-XLE-00266] c14 N70-34156 Development of apparatus for measuring thermal conductivity [NASA-CASE-KGS-01052] c14 N71-15992 Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] Method and apparatus for adjusting thermal conductance in electronic components for space use [NASA-CASE-XNP-05524] c33 N71-24876
atmosphere sampling chambers [NASA-CASE-NPO-11373] c13 N72-25323 Development of apparatus for testing burning rate and flammability of materials [NASA-CASE-NES-09690] c33 N72-25913 Development of test apparatus for subjecting metal specimen to tensile and compressive loads at constant temperature [NASA-CASE-LAR-10426-1] c32 N72-27947 Development of apparatus for detonating explosive devices in order to determine forces generated and detonation propagation rate [NASA-CASE-LAR-10800-1] c33 N72-27959 Equipment for vibration testing of assemblies, components, and other articles [NASA-CASE-GSC-11302-1] c14 N73-13416 Development of test probe device for simultaneous determination of condition of cells in multi-cell storage battery [NASA-CASE-MFS-20761-1] c03 N73-17037 Design and development of test stand system for supporting test items in vacuum chamber [NASA-CASE-MFS-21362] c11 N73-20267 Test set for signal conditioner modules [NASA-CASE-KSC-10750-1] c14 N73-23527 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] c14 N73-32318 Test equipment to prevent buckling of small	Process for developing flame retardant elastomeric composition textiles for use in space suits [NASA-CASE-MSC-14331-1] c18 N73-27501 THERHAL ABSORPTION Development and characteristics of calorimeter with integral beat sink for maintenance of constant temperature [NASA-CASE-MF-04208] c33 N71-29051 Direct thermal energy conversion using thermal absorption principle [NASA-CASE-ARC-10461-1] c33 N73-20931 THERHAL CONDUCTIVITY Beasuring conductive heat flow and thermal conductivity of laminar gas stream in cylindrical plug to simulate atmospheric reentry [NASA-CASE-ALE-00266] c14 N70-34156 Development of apparatus for measuring thermal conductivity [NASA-CASE-KGS-01052] c14 N71-15992 Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-HSC-12084-1] Bethod and apparatus for adjusting thermal conductance in electronic components for space use [NASA-CASE-XNP-05524] c33 N71-24876 Thermally conductive polymer for potting
atmosphere sampling chambers [NASA-CASE-NPO-11373] c13 N72-25323 Development of apparatus for testing burning rate and flammability of materials [NASA-CASE-NBS-09690] c33 N72-25913 Development of test apparatus for subjecting metal specimen to tensile and compressive loads at constant temperature [NASA-CASE-LAR-10426-1] c32 N72-27947 Development of apparatus for detonating explosive devices in order to determine forces generated and detonation propagation rate [NASA-CASE-LAR-10800-1] c33 N72-27959 Equipment for vibration testing of assemblies, components, and other articles [NASA-CASE-LAR-10800-1] c14 N73-13416 Development of test probe device for simultaneous determination of condition of cells in multi-cell storage battery [NASA-CASE-MFS-20761-1] c03 N73-17037 Design and development of test stand system for supporting test items in vacuum chamber [NASA-CASE-MFS-21362] c11 N73-20267 Test set for signal conditioner modules [NASA-CASE-KSC-10750-1] c14 N73-23527 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] c14 N73-32318 Test equipment to prevent buckling of small diameter specimens during compression tests	Process for developing flame retardant elastomeric composition textiles for use in space suits [NASA-CASE-MSC-14331-1] Development and characteristics of calorimeter with integral heat sink for maintenance of constant temperature [NASA-CASE-MSC-04208] Direct thermal energy conversion using thermal absorption principle [NASA-CASE-MSC-10461-1] C33 N73-20931 THERHAL CONDUCTIVITY Heasuring conductive heat flow and thermal conductivity of laminar gas stream in cylindrical plug to simulate atmospheric reentry [NASA-CASE-NLE-00266] Development of apparatus for measuring thermal conductivity [NASA-CASE-KIE-01652] Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] Hethod and apparatus for adjusting thermal conductance in electronic components for space use [NASA-CASE-NP-05524] Thermally conductive polymer for potting electrical components
atmosphere sampling chambers [NASA-CASE-NPO-11373]	Process for developing flame retardant elastomeric composition textiles for use in space suits [NASA-CASE-MSC-14331-1] c18 N73-27501 THERHAL ABSORPTION Development and characteristics of calorimeter with integral beat sink for maintenance of constant temperature [NASA-CASE-MF-04208] c33 N71-29051 Direct thermal energy conversion using thermal absorption principle [NASA-CASE-ARC-10461-1] c33 N73-20931 THERHAL CONDUCTIVITY Beasuring conductive heat flow and thermal conductivity of laminar gas stream in cylindrical plug to simulate atmospheric reentry [NASA-CASE-MLE-00266] c14 N70-34156 Development of apparatus for measuring thermal conductivity [NASA-CASE-MS-01052] c14 N71-15992 Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] c12 N71-17569 Method and apparatus for adjusting thermal conductance in electronic components for space [NASA-CASE-XNP-05524] c33 N71-24876 Thermally conductive polymer for potting electrical components [NASA-CASE-SSC-11304-1] c36 N72-21105
atmosphere sampling chambers [NASA-CASE-NPO-11373] Development of apparatus for testing burning rate and flammability of materials [NASA-CASE-XBS-09690] Development of test apparatus for subjecting metal specimen to tensile and compressive loads at constant temperature [NASA-CASE-LAR-10426-1] Development of apparatus for detonating explosive devices in order to determine forces generated and detonation propagation rate [NASA-CASE-LAR-10800-1] Equipment for vibration testing of assemblies, components, and other articles [NASA-CASE-GSC-11302-1] Development of test probe device for simultaneous determination of condition of cells in multi-cell storage battery [NASA-CASE-HAF-2016-1] Design and development of test stand system for supporting test items in vacuum chamber [NASA-CASE-HFS-21362] Test set for signal conditioner modules [NASA-CASE-KSC-10750-1] Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] Test equipment to prevent buckling of small diameter specimens during compression tests [NASA-CASE-LAR-10440-1] Pseudo-noise test set for communication system	Process for developing flame retardant elastomeric composition textiles for use in space suits [NASA-CASE-MSC-14331-1] c18 N73-27501 THERHAL ABSORPTION Development and characteristics of calorimeter with integral beat sink for maintenance of constant temperature [NASA-CASE-MF-04208] c33 N71-29051 Direct thermal energy conversion using thermal absorption principle [NASA-CASE-ARC-10461-1] c33 N73-20931 THERHAL CONDUCTIVITY Heasuring conductive heat flow and thermal conductivity of laminar gas stream in cylindrical plug to simulate atmospheric reentry [NASA-CASE-XLE-00266] c14 N70-34156 Development of apparatus for measuring thermal conductivity [NASA-CASE-KGS-01052] c14 N71-15992 Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] Method and apparatus for adjusting thermal conductance in electronic components for space use [NASA-CASE-XNP-05524] c33 N71-24876 Thermally conductive polymer for potting electrical components [NASA-CASE-SCSC-11304-1] Blectrostatically controlled heat transfer
atmosphere sampling chambers [NASA-CASE-NPO-11373] c13 N72-25323 Development of apparatus for testing burning rate and flammability of materials [NASA-CASE-NES-09690] c33 N72-25913 Development of test apparatus for subjecting metal specimen to tensile and compressive loads at constant temperature [NASA-CASE-LAR-10426-1] c32 N72-27947 Development of apparatus for detonating explosive devices in order to determine forces generated and detonation propagation rate [NASA-CASE-LAR-10400-1] c33 N72-27959 Equipment for vibration testing of assemblies, components, and other articles [NASA-CASE-GSC-11302-1] c14 N73-13416 Development of test probe device for simultaneous determination of condition of cells in multi-cell storage battery [NASA-CASE-MFS-20761-1] c03 N73-17037 Design and development of test stand system for supporting test items in vacuum chamber [NASA-CASE-MFS-21362] c11 N73-20267 Test set for signal conditioner modules [NASA-CASE-KSC-10750-1] c14 N73-23527 Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] c14 N73-32318 Test equipment to prevent buckling of small diameter specimens during compression tests [NASA-CASE-LAR-10440-1] c14 N73-32323 Pseudo-noise test set for communication system evaluation	Process for developing flame retardant elastomeric composition textiles for use in space suits [NASA-CASE-MSC-14331-1] c18 N73-27501 THERHAL ABSORPTION Development and characteristics of calorimeter with integral beat sink for maintenance of constant temperature [NASA-CASE-MF-04208] c33 N71-29051 Direct thermal energy conversion using thermal absorption principle [NASA-CASE-ARC-10461-1] c33 N73-20931 THERHAL CONDUCTIVITY Beasuring conductive heat flow and thermal conductivity of laminar gas stream in cylindrical plug to simulate atmospheric reentry [NASA-CASE-ALE-00266] c14 N70-34156 Development of apparatus for measuring thermal conductivity [NASA-CASE-KGS-01052] c14 N71-15992 Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] Bethod and apparatus for adjusting thermal conductance in electronic components for space use [NASA-CASE-XNP-05524] c33 N71-24876 Thermally conductive polymer for potting electrical components [NASA-CASE-SIGSC-11304-1] Blectrostatically controlled heat transfer system for conducting thermal energy
atmosphere sampling chambers [NASA-CASE-NPO-11373]	Process for developing flame retardant elastomeric composition textiles for use in space suits [NASA-CASE-MSC-14331-1] Development and characteristics of calorimeter with integral beat sink for maintenance of constant temperature [NASA-CASE-MMY-04208] Direct thermal energy conversion using thermal absorption principle [NASA-CASE-ARC-10461-1] C33 N73-20931 THERHAL CONDUCTIVITY Heasuring conductive heat flow and thermal conductivity of laminar gas stream in cylindrical plug to simulate atmospheric reentry [NASA-CASE-XIE-00266] Development of apparatus for measuring thermal conductivity [NASA-CASE-XIE-00266] Development of apparatus for measuring thermal conductivity [NASA-CASE-XIE-00266] Development of apparatus for measuring thermal conductivity [NASA-CASE-MSC-1084-1] Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] Bethod and apparatus for adjusting thermal conductance in electronic components for space use [NASA-CASE-MSC-12084-1] Thermally conductive polymer for potting electrical components [NASA-CASE-GSC-11304-1] Blectrostatically controlled heat transfer system for conducting thermal energy [NASA-CASE-NPO-11942-1] 633 N73-32818
atmosphere sampling chambers [NASA-CASE-NPO-11373]	TEXTILES Process for developing flame retardant elastomeric composition textiles for use in space suits [NASA-CASE-MSC-14331-1] THERHAL ABSORPTION Development and characteristics of calorimeter with integral beat sink for maintenance of constant temperature [NASA-CASE-MMF-04208] Direct thermal energy conversion using thermal absorption principle [NASA-CASE-ARC-10461-1] THERHAL COMDUCTIVITY Beasuring conductive heat flow and thermal conductivity of laminar gas stream in cylindrical plug to simulate atmospheric reentry [NASA-CASE-ALE-00266] Development of apparatus for measuring thermal conductivity [NASA-CASE-KGS-01052] Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] Method and apparatus for adjusting thermal conductance in electronic components for space use [NASA-CASE-XNP-05524] Thermally conductive polymer for potting electrical components [NASA-CASE-SC-11304-1] Electrostatically controlled heat transfer system for conducting thermal energy [NASA-CASE-NPO-11942-1] THERHAL COMDUCTORS
atmosphere sampling chambers [NASA-CASE-NPO-11373] Development of apparatus for testing burning rate and flammability of materials [NASA-CASE-NES-09690] Development of test apparatus for subjecting metal specimen to tensile and compressive loads at constant temperature [NASA-CASE-LAR-10426-1] Development of apparatus for detonating explosive devices in order to determine forces generated and detonation propagation rate [NASA-CASE-LAR-10800-1] Equipment for vibration testing of assemblies, components, and other articles [NASA-CASE-GSC-11302-1] Development of test probe device for simultaneous determination of condition of cells in multi-cell storage battery [NASA-CASE-MFS-20761-1] Design and development of test stand system for supporting test items in vacuum chamber [NASA-CASE-MFS-21362] Test set for signal conditioner modules [NASA-CASE-MFS-21362] Test set for signal conditioner modules [NASA-CASE-KSC-10750-1] Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] Test equipment to prevent buckling of small diameter specimens during compression tests [NASA-CASE-KSC-10740-1] Test equipment to prevent buckling of small diameter specimens during compression tests [NASA-CASE-MFS-22671-1] Pseudo-noise test set for communication system evaluation [NASA-CASE-MFS-22671-1] Bind tunnel model and method [NASA-CASE-LAR-10812-1] C14 N74-13146	TEXTILES Process for developing flame retardant elastomeric composition textiles for use in space suits [NASA-CASE-MSC-14331-1] THERHAL ABSORPTION Development and characteristics of calorimeter with integral heat sink for maintenance of constant temperature [NASA-CASE-MF-04208] Direct thermal energy conversion using thermal absorption principle [NASA-CASE-ARC-10461-1] THERHAL CONDUCTIVITY Beasuring conductive heat flow and thermal conductivity of laminar gas stream in cylindrical plug to simulate atmospheric reentry [NASA-CASE-ALE-00266] Development of apparatus for measuring thermal conductivity [NASA-CASE-IGS-01052] Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] Method and apparatus for adjusting thermal conductance in electronic components for space use [NASA-CASE-MSC-12084-1] Thermally conductive polymer for potting electrical components [NASA-CASE-SPC-11304-1] Electrostatically controlled heat transfer system for conducting thermal energy [NASA-CASE-NPO-11942-1] THERHAL CONDUCTORS Thermal conductive, electrically insulated
atmosphere sampling chambers [NASA-CASE-NPO-11373] Development of apparatus for testing burning rate and flammability of materials [NASA-CASE-NES-09690] Development of test apparatus for subjecting metal specimen to tensile and compressive loads at constant temperature [NASA-CASE-LAR-10426-1] Development of apparatus for detonating explosive devices in order to determine forces generated and detonation propagation rate [NASA-CASE-LAR-10800-1] Equipment for vibration testing of assemblies, components, and other articles [NASA-CASE-GSC-11302-1] Development of test probe device for simultaneous determination of condition of cells in multi-cell storage battery [NASA-CASE-MFS-20761-1] Design and development of test stand system for supporting test items in vacuum chamber [NASA-CASE-MFS-21362] Test set for signal conditioner modules [NASA-CASE-KSC-10750-1] Development and characteristics of apparatus for measuring intensity of electric field in atmosphere [NASA-CASE-KSC-10730-1] Test equipment to prevent buckling of small diameter specimens during compression tests [NASA-CASE-KSC-10730-1] Test equipment to prevent buckling of small diameter specimens during compression tests [NASA-CASE-LAR-10440-1] Pseudo-noise test set for communication system evaluation [NASA-CASE-MFS-22671-1] Hind tunnel model and method [NASA-CASE-LAR-10812-1] Testing device using X-ray lasers	TEXTILES Process for developing flame retardant elastomeric composition textiles for use in space suits [NASA-CASE-MSC-14331-1] THERHAL ABSORPTION Development and characteristics of calorimeter with integral heat sink for maintenance of constant temperature [NASA-CASE-MF-04208] Direct thermal energy conversion using thermal absorption principle [NASA-CASE-ME-10461-1] THERHAL CONDUCTIVITY Heasuring conductive heat flow and thermal conductivity of laminar gas stream in cylindrical plug to simulate atmospheric reentry [NASA-CASE-MLE-00266] Development of apparatus for measuring thermal conductivity [NASA-CASE-KIE-00266] Development of apparatus for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] Bethod and apparatus for adjusting thermal conductance in electronic components for space use [NASA-CASE-MSC-12084-1] Thermally conductive polymer for potting electrical components [NASA-CASE-GSC-11304-1] Electrostatically controlled heat transfer system for conducting thermal energy [NASA-CASE-NPO-11942-1] C33 N73-32818 THERHAL CONDUCTORS Thermal conductive, electrically insulated cleavable adhesive connection between
atmosphere sampling chambers [NASA-CASE-NPO-11373]	TEXTILES Process for developing flame retardant elastomeric composition textiles for use in space suits [NASA-CASE-MSC-14331-1] THERHAL ABSORPTION Development and characteristics of calorimeter with integral heat sink for maintenance of constant temperature [NASA-CASE-MF-04208] Direct thermal energy conversion using thermal absorption principle [NASA-CASE-ARC-10461-1] THERHAL CONDUCTIVITY Beasuring conductive heat flow and thermal conductivity of laminar gas stream in cylindrical plug to simulate atmospheric reentry [NASA-CASE-ALE-00266] Development of apparatus for measuring thermal conductivity [NASA-CASE-IGS-01052] Heated element sensor for fluid flow detection in thermal conductive conduit with adaptive means to determine flow rate and direction [NASA-CASE-MSC-12084-1] Method and apparatus for adjusting thermal conductance in electronic components for space use [NASA-CASE-MSC-12084-1] Thermally conductive polymer for potting electrical components [NASA-CASE-SPC-11304-1] Electrostatically controlled heat transfer system for conducting thermal energy [NASA-CASE-NPO-11942-1] THERHAL CONDUCTORS Thermal conductive, electrically insulated

THERMAL CONTROL COATINGS	[NASA-CASE-XMF-05279] c18 N71-16124
Low concentration alkaline solution treatment of	Development of thermal insulation system for
aluminum with metal phosphate surface coatings	wing and control surfaces of hypersonic
to improve chemical bonding and reduce coating	aircraft and reentry vehicles
weight	[NASA-CASE-XLA-00892] C33 N71-17897
[NASA-CASE-XLA-01995] C18 N71-23047	Prefabricated sultilayered self-evacuating
Binder stabilized zinc oxide pigmented coating	insulation panels using gas with low wapor
for spacecraft thermal control	pressure at cryogenic temperatures for
[NASA-CASE-XMF-07770-2] C18 N71-26772	application to storage of cryogens
Inorganic thermal control and solar reflector	[NASA-CASE-XLE-04222] c23 N71-22881
coatings	Light weight plastic foam thermal insulation for
[NASA-CASE-NFS-20011] c18 N72-22566	cryogenic storage
Mercaptan terminated polymer containing sulfonic	[NASA-CASE-XLE-02647] C18 N71-23658
acid salts of nitrosubstituted aromatic amines	Development of foam insulation for filament
for heat and moisture resistant coatings	wound cryogenic storage tank
[NASA-CASE-ARC-10325] c06 N72-25147	[NASA-CASE-XLE-03803] c15 N71-23816
Refractory porcelain enamel passive thermal	Multilayer insulation panels for cryogenic
control coating for high temperature alloys	liquid containers
[NASA-CASE-MFS-22324-1] c18 N73-21471	[NASA-CASE-MFS-14023] c33 N71-25351
THERMAL DEGRADATION	Double-wall isothermal cylinder containing heat
Use of silicon controlled rectifier shorting	transfer fluid thermal reservoir as spacecraft
circuit to protect thermoelectric generator	insulation cover
source from thermal destruction	[NASA-CASE-MFS-20355] c33 N71-25353
[NASA-CASE-XGS-04808] CO3 N69-25146	Structure of fabric layers for micrometeoroid
Electrical failure detector in solid rocket	protection garment with capability for
propellant motor insulation against thermal	eliminating heat shorts for use in
degradation by fuel grain	manufacturing space suits
[NASA-CASE-XMF-03968] c14 N71-27186	[NASA-CASE-NSC-12109] c18 N71-26285
THERMAL BAISSION	Foam insulation thickness measuring and
Calorimeter for measuring thermal output of	injection device for spacecraft applications
nickel cadmium batteries	[NASA-CASE-MFS-20261] c14 N71-27005
[NASA-CASE-GSC-11434-1] c14 N72-27430	Development of thermal insulation material for
THERMAL ENERGY	insulating liquid hydrogen tanks in spacecraft
Direct conversion of thermal energy into	[NASA-CASE-XMF-05046] c33 N71-28892
electrical energy using crossed electric and	Para-benzoquinone dioxime and concentrated
magnetic fields	mineral acid processed to yield intumescent or
[NASA-CASE-XLE-00212] CO3 N70-34134	fire resistant, heat insulating materials
Concentrator device for controlling direction of	[NASA-CASE-ARC-10304-1] c18 N73-26572
solar energy onto energy Converters	Development and characteristics of thermal
[NASA-CASE-XLE-01716] C09 N70-40234	control system for maintaining constant
Storage stable, thermally activated foaming	temperature within spacecraft module with wide
compositions for erecting and rigidizing	variations of component heat transfer
mechanisms of thin sheet solar collectors	[NASA-CASE-GSC-11018-1] c31 N73-30829
[NASA-CASE-LAR-10373-1] c18 N71-26155	Structural heat pipe for spacecraft wall thermal
Gaseous core diffusion nuclear reactor for	insulation system
thermal energy generation	[NASA-CASE-GSC-11619-1] c33 N73-32828
[NASA-CASE-LEW-10250-1] G22 N71-28759	Heater-mixer for stored fluids
Direct thermal energy conversion using thermal	[NASA-CASE-ARC-10442-1] c14 N74-15093
absorption principle	Strain arrestor plate bonding rigid thermal
[NASA-CASE-ARC-10461-1] c33 N73-20931	insulation tiles to metallic plates or
Electrostatically controlled heat transfer	structural parts
system for conducting thermal energy	[NASA-CASE-MSC-14182-1] c18 N74-15213
[NASA-CASE-NPO-11942-1] c33 N73-32818	THERMAL PLASMAS
THERMAL EXPANSION	Apparatus for producing monochromatic light from
Gas valve operated by thermally expanding and	continuous plasma source
contracting device	[NASA-CASE-XNP-04167-2] c25 N72-24753
[NASA-CASE-XLE-00815] c15 N70-35407	THERMAL PROTECTION
Adjustable rigid mount for tribedral mirror	Thermoprotective device for balances
formed of alloy with small coefficient of	[NASA-CASE-XAC-00648] c14 n70-40400
thermal expansion supporting screws and	Design, development, and characteristics of
spring-biased plates	ablation structures
[NASA-CASE-INP-08907] c23 N71-29123	[NASA-CASE-XMS-01816] c33 N71-15623
Application of spiral, bimetallic strip to	Development of spacecraft radiator cover
create circular notion on mechanical shaft by	[NASA-CASE-MSC-12049] c31 M71-16080
changing strip temperature	Characteristics of foamed-in-place ceramic
[NASA-CASE-NPO-11283] c09 N72-25260	refractory insulating material and method of
Glass-to-metal seals comprising relatively high	fabrication
expansion metals	[NASA-CASE-RGS-02435] c18 N71-22998
	Unfired ceramic insulation for protection from
[NASA-CASE-LEW-10698-1] c15 N74-21063	
THERMAL PATIGUE	radiant heating environments
THERMAL FATIGUE Automatic controlled thermal fatigue testing	[NASA-CASE-MFS-14253] c33 N71-24858
THERMAL FATIGUE Automatic controlled thermal fatigue testing apparatus	[NASA-CASE-MFS-14253] c33 N71-24858 Development of solid state polymer coating for
THERMAL FATIGUE Automatic controlled thermal fatigue testing apparatus {NASA-CASE-XLA-02059} c33 N71-24276	[NASA-CASE-MFS-14253] c33 N71-24858 Development of solid state polymer coating for obtaining thermal balance in spacecraft
THERMAL FATIGUE Automatic controlled thermal fatigue testing apparatus [NASA-CASE-XLA-02059] C33 N71-24276 THERMAL INSULATION	[NASA-CASE-MFS-14253] c33 N71-24858 Development of solid state polymer coating for obtaining thermal balance in spacecraft components
THERMAL FATIGUE Automatic controlled thermal fatigue testing apparatus [NASA-CASE-XLA-02059] c33 N71-24276 THERMAL INSULATION Low thermal loss piping arrangement for moving	[NASA-CASE-MFS-14253] c33 N71-24858 Development of solid state polymer coating for obtaining thermal balance in spacecraft components [NASA-CASE-XLA-01745] c33 N71-28903
THERMAL FATIGUE Automatic controlled thermal fatigue testing apparatus [NASA-CASE-XLA-02059] c33 N71-24276 THERMAL INSULATION Low thermal loss piping arrangement for moving cryogenic media through double chamber structure	[NASA-CASE-MFS-14253] c33 N71-24858 Development of solid state polymer coating for obtaining thermal balance in spacecraft components [NASA-CASE-XLA-01745] c33 N71-28903 Anodizing method for providing metal surfaces
THERMAL FATIGUE Automatic controlled thermal fatigue testing apparatus [NASA-CASE-XLA-02059] c33 N71-24276 THERMAL INSULATION Low thermal loss piping arrangement for moving cryogenic media through double chamber structure [NASA-CASE-XNP-08882] c15 N69-39935	[NASA-CASE-MFS-14253] c33 N71-24858 Development of solid state polymer coating for obtaining thermal balance in spacecraft components [NASA-CASE-XLA-01745] c33 N71-28903 Anodizing method for providing metal surfaces with temperature reducing coatings against
THERMAL FATIGUE Automatic controlled thermal fatigue testing apparatus [NASA-CASE-XLA-02059] c33 N71-24276 THERMAL INSULATION Low thermal loss piping arrangement for moving cryogenic media through double chamber structure [NASA-CASE-XNP-08082] c15 N69-39935 Insulating system for receptacles of liquefied	[NASA-CASE-MFS-14253] c33 N71-24858 Development of solid state polymer coating for obtaining thermal balance in spacecraft components [NASA-CASE-XIA-01745] c33 N71-28903 Anodizing method for providing metal surfaces with temperature reducing coatings against flames
THERMAL FATIGUE Automatic controlled thermal fatigue testing apparatus [NASA-CASE-XLA-02059] c33 N71-24276 THERMAL INSULATION Low thermal loss piping arrangement for moving cryogenic media through double chamber structure [NASA-CASE-XNP-08882] c15 N69-39935 Insulating system for receptacles of liquefied gases using wire cloth for forming frost layer	[NASA-CASE-MFS-14253] c33 N71-24858 Development of solid state polymer coating for obtaining thermal balance in spacecraft components [NASA-CASE-XLA-01745] c33 N71-28903 Anodizing method for providing metal surfaces with temperature reducing coatings against flames [NASA-CASE-XLE-00035] c33 N71-29151
THERMAL FATIGUE Automatic controlled thermal fatigue testing apparatus [NASA-CASE-XLA-02059]	[NASA-CASE-MFS-14253] c33 N71-24858 Development of solid state polymer coating for obtaining thermal balance in spacecraft components [NASA-CASE-XLA-01745] c33 N71-28903 Anodizing method for providing metal surfaces with temperature reducing coatings against flames [NASA-CASE-XLE-00035] c33 N71-29151 Ablative heat shield for protection from
THERMAL FATIGUE Automatic controlled thermal fatigue testing apparatus [NASA-CASE-XLA-02059] c33 N71-24276 THERMAL INSULATION Low thermal loss piping arrangement for moving cryogenic media through double chamber structure [NASA-CASE-XNP-08882] c15 N69-39935 Insulating system for receptacles of liquefied gases using wire cloth for forming frost layer [NASA-CASE-XNF-00341] Unfired-ceramic, highly reflective composite	[NASA-CASE-MFS-14253] c33 N71-24858 Development of solid state polymer coating for obtaining thermal balance in spacecraft components [NASA-CASE-XLA-01745] c33 N71-28903 Anodizing method for providing metal surfaces with temperature reducing coatings against flames [NASA-CASE-XLE-00035] c33 N71-29151 Ablative heat shield for protection from aerodynamic heating of reentry spacecraft
THERMAL FATIGUE Automatic controlled thermal fatigue testing apparatus [NASA-CASE-XLA-02059] c33 N71-24276 THERMAL INSULATION Low thermal loss piping arrangement for moving cryogenic media through double chamber structure [NASA-CASE-XNP-08882] c15 N69-39935 Insulating system for receptacles of liquefied gases using wire cloth for forming frost layer [NASA-CASE-XNF-00341] c15 N70-33323 Unfired-ceramic, highly reflective composite insulation for large launch vehicles	[NASA-CASE-MFS-14253] c33 N71-24858 Development of solid state polymer coating for obtaining thermal balance in spacecraft components [NASA-CASE-XLA-01745] c33 N71-28903 Anodizing method for providing metal surfaces with temperature reducing coatings against flames [NASA-CASE-XLE-00035] c33 N71-29151 Ablative heat shield for protection from aerodynamic heating of reentry spacecraft [NASA-CASE-MSC-12143-1] c33 N72-17947
THERMAL FATIGUE Automatic controlled thermal fatigue testing apparatus [NASA-CASE-XLA-02059] C33 N71-24276 THERMAL INSULATION Low thermal loss piping arrangement for moving cryogenic media through double chamber structure [NASA-CASE-XNP-08882] C15 N69-39935 Insulating system for receptacles of liquefied gases using wire cloth for forming frost layer [NASA-CASE-XNP-00341] C15 N70-33323 Unfired-ceramic, highly reflective composite insulation for large launch vehicles [NASA-CASE-XNP-01030] C18 N70-41583	[NASA-CASE-MFS-14253] c33 N71-24858 Development of solid state polymer coating for obtaining thermal balance in spacecraft components [NASA-CASE-XLA-01745] c33 N71-28903 Anodizing method for providing metal surfaces with temperature reducing coatings against flames [NASA-CASE-XLE-00035] c33 N71-29151 Ablative heat shield for protection from aerodynamic heating of reentry spacecraft [NASA-CASE-MSC-12143-1] c33 N72-17947 Lightreight fire resistant plastic foam for
THERMAL FATIGUE Automatic controlled thermal fatigue testing apparatus [NASA-CASE-XLA-02059]	[NASA-CASE-MFS-14253] c33 N71-24858 Development of solid state polymer coating for obtaining thermal balance in spacecraft components [NASA-CASE-XLA-01745] c33 N71-28903 Anodizing method for providing metal surfaces with temperature reducing coatings against flames [NASA-CASE-XLE-00035] c33 N71-29151 Ablative heat shield for protection from aerodynamic heating of reentry spacecraft [NASA-CASE-MSC-12143-1] c33 N72-17947 Lightweight fire resistant plastic foam for thermal protection of reentry vehicles and
Automatic controlled thermal fatigue testing apparatus [NASA-CASE-XLA-02059]	[NASA-CASE-MFS-14253] c33 N71-24858 Development of solid state polymer coating for obtaining thermal balance in spacecraft components [NASA-CASE-XLA-01745] c33 N71-28903 Anodizing method for providing metal surfaces with temperature reducing coatings against flames [NASA-CASE-XLE-00035] c33 N71-29151 Ablative heat shield for protection from aerodynamic heating of reentry spacecraft [NASA-CASE-MSC-12143-1] c33 N72-17947 Lightreight fire resistant plastic foam for thermal protection of reentry vehicles and aircraft structures
THERMAL FATIGUE Automatic controlled thermal fatigue testing apparatus [NASA-CASE-XLA-02059] c33 N71-24276 THERMAL INSULATION Low thermal loss piping arrangement for moving cryogenic media through double chamber structure [NASA-CASE-XNP-08882] c15 N69-39935 Insulating system for receptacles of liquefied gases using wire cloth for forming frost layer [NASA-CASE-XNP-00341] c15 N70-33323 Unfired-ceramic, highly reflective composite insulation for large launch vehicles [NASA-CASE-XNP-01030] c18 N70-41583 Carbon dioxide purge systems to prevent condensation in spaces hetween cryogenic fuel tanks and hypersonic vehicle skin	[NASA-CASE-MFS-14253] c33 N71-24858 Development of solid state polymer coating for obtaining thermal balance in spacecraft components [NASA-CASE-XLA-01745] c33 N71-28903 Anodizing method for providing metal surfaces with temperature reducing coatings against flames [NASA-CASE-XLB-00035] c33 N71-29151 Ablative heat shield for protection from aerodynamic heating of reentry spacecraft [NASA-CASE-MSC-12143-1] c33 N72-17947 Lightweight fire resistant plastic foam for thermal protection of reentry vehicles and aircraft structures [NASA-CASE-ARC-10160-11 c28 N72-20767
THERMAL FATIGUE Automatic controlled thermal fatigue testing apparatus [NASA-CASE-XLA-02059] C33 N71-24276 THERMAL INSULATION Low thermal loss piping arrangement for moving cryogenic media through double chamber structure [NASA-CASE-XNP-08882] c15 N69-39935 Insulating system for receptacles of liquefied gases using wire cloth for forming frost layer [NASA-CASE-XNP-00341] c15 N70-33323 Unfired-ceramic, highly reflective composite insulation for large launch vehicles [NASA-CASE-XNP-01030] c18 N70-41583 Carbon dioxide purge systems to prevent condensation in spaces hetween cryogenic fuel tanks and hypersonic vehicle skin [NASA-CASE-XLA-01967] c31 N70-42015	[NASA-CASE-MFS-14253] c33 N71-24858 Development of solid state polymer coating for obtaining thermal balance in spacecraft components [NASA-CASE-XLA-01745] c33 N71-28903 Anodizing method for providing metal surfaces with temperature reducing coatings against flames [NASA-CASE-XLE-00035] c33 N71-29151 Ablative heat shield for protection from aerodynamic heating of reentry spacecraft [NASA-CASE-MSC-12143-1] c33 N72-17947 Lightreight fire resistant plastic foam for thermal protection of reentry vehicles and aircraft structures [NASA-CASE-ARC-10180-1] c28 N72-20767 Flexible fire retardant polyisocyanate modified
THERMAL FATIGUE Automatic controlled thermal fatigue testing apparatus [NASA-CASE-XLA-02059] c33 N71-24276 THERMAL INSULATION Low thermal loss piping arrangement for moving cryogenic media through double chamber structure [NASA-CASE-XNP-08882] c15 N69-39935 Insulating system for receptacles of liquefied gases using wire cloth for forming frost layer [NASA-CASE-XNP-00341] c15 N70-33323 Unfired-ceramic, highly reflective composite insulation for large launch vehicles [NASA-CASE-XNP-01030] c18 N70-41583 Carbon dioxide purge systems to prevent condensation in spaces hetween cryogenic fuel tanks and hypersonic vehicle skin	[NASA-CASE-MFS-14253] c33 N71-24858 Development of solid state polymer coating for obtaining thermal balance in spacecraft components [NASA-CASE-XLA-01745] c33 N71-28903 Anodizing method for providing metal surfaces with temperature reducing coatings against flames [NASA-CASE-XLB-00035] c33 N71-29151 Ablative heat shield for protection from aerodynamic heating of reentry spacecraft [NASA-CASE-MSC-12143-1] c33 N72-17947 Lightweight fire resistant plastic foam for thermal protection of reentry vehicles and aircraft structures [NASA-CASE-ARC-10180-1] c28 N72-20767

TRERUAL RADIATION	Thornionia commenter for an arrival in the
filmiaturized radiometer for detecting low level	Thermionic converter for converting heat energy directly into electrical energy
chermal radiation	[NASA-CASE-XLE-01903]
[NASA-CASE-XLA-04556] c14 N69-27484 Temperature sensitive capacitor device for	Thermionic cesium diode converter with cavity
detecting very low intensity infrared radiation	emitters
LMASA-CASE-INP~09750] C14 N69-39937	[NASA-CASE-NPO-10412] c09 N71-28421 Development and characteristics of solar cells
High temperature source of thermal radiation	with phosphors in cover glass to improve
[MASA-CASE-XLE-00490] c33 N70-34545	response to solar ultraviolet radiation
Development and characteristics of thermal radiation shielding of refractory metal foil	[NASA-CASE-ARC-10050] c03 N71-33409
used for induction furnace	Reactor heated in-core diodes for energy conversion
[NASA-CASE-XLE-03432] c33 N71-24145	[NASA-CASE-NPO-10542] c09 N72-27228
Black body cavity radiometer with thermal	Coaxial electrical conductor for high gamma flux
resistance wire bridge circuit [NASA-CASE-XNP-08961] c14 N71-24809	locations of thermionic converter
Development of method for protecting large and	[NASA-CASE-LEH-10950-1] c09 N72-31239
oddly shaped areas from radiant and convective	Low cost efficient thermionic converter for use in nuclear reactors
neat .	[NASA-CASE-NPO-13121-1] c22 N73-12702
[NASA-CASE-INP-01310] c33 N71-28852	Control circuit for nuclear thermionic converter
Power control system for thermal nuclear reactor	power source for spacecraft
[MASA-CASE-XLE-05799] c22 N72-21644	[NASA-CASE-NPO-13114-1] c22 N73-13656 Electric power generation system directly from
fuel system for thermal nuclear reactor which	laser power
uses inorganic ion exchanger	[NASA-CASE-NPO-13308-1] C03 N74-19702
[NASA-CASE-LEH-11645-2] c22 N73-28660	TERREIODIC DIODES
Single electrical circuit component combining	Blectric power system utilizing thermionic
diode, fuse, and blown indicator with	plasma diodes in parallel and heat pipes as cathodes
elongated tube of heat resistant transparent	[MASA-CASE-XHF-05843] c03 H71-11055
material	Thermionic diode switch for use in high
[NASA-CASE-IKS-03381] c09 N71-22796 Polyimide foam for the thermal insulation and	temperature region to chop current from do
fire protection	SOURCE
[NASA-CASE-ARC-10464-1] c06 N74-12812	[NASA-CASE-NPO-10404] c03 H71-12255 Hicronicroampere current measuring circuit, with
Dual measurement ablation sensor	two subminiature thermionic diodes with
[NASA-CASE-LAR-10105-1] c33 N74-15652	filament cathodes
Self-regulating proportionally controlled heating apparatus and technique	[WASA-CASE-INP-00384] c09 N71-13530
[MASA-CASE-GSC-11752-1] c33 N74-19583	Electric power system with thermionic diodes and
HERHAL SHOCK	circulatory liquid metal coolant lines [NASA-CASE-HFS-14114] c33 N71-27862
Development of equipment for measuring thermal	Reactor heated in-core diodes for energy
shock resistance of thin discs of material [NASA-CASE-XLE-02024] C14 N71-22964	conversion
[MASA-CASE-XLE-02024] C14 N71-22964 Thermal shock resistant hafnia ceramic materials	[NASA-CASE-NPO-10542] c09 N72-27228
[NASA-CASE-LAR-10894-1] c18 N73-14584	THERBIODIC BRITTERS
HERHAL SIHULATION	Oxygen-doped tantalum emitter for thermionic devices such as cesium vapor diodes
Simulating operation of thermopile vacuum gage	[NASA-CASB-NPO-11138] CO3 N7O-34646
tube at high and low pressures [MASA-CASE-XLA-02758] c14 M71-18481	THEREISTORS
HERMAL STABILITY	Matched thermistors for microwave power meters
Bonded solid lubricant coatings of calcium	with compensation for temperature changes [NASA-CASE-NPO-10348] c10 N71-12554
fluoride and binder for high temperature	THERHOCHROMATIC HATERIALS
stability [MASA-CASE-XMS-00259] c18 N70-36400	Thermochromic compositions for detecting heat
[BASA-CASE-XBS-00259] c18 N70-36400 Portable environmental control and life support	levels in electronic circuits and devices
system for astronaut in and out of spacecraft	[NASA-CASE-NPO-10764-1] C14 N73-14428 THERHOCOUPLE PYROHETERS
[NASA-CASE-XHS-09632-1] c05 N71-11203	Dual measurement ablation sensor
Chemical synthesis of thermally stable	[NASA-CASE-LAR-10105-17 c33 N74-15652
organometallic polymers with divalent metal ion and tetraphenylphosphonitrilic units	THERBOCOUPLES
[NASA-CASB-HQN-10364] C06 N71-27363	Heat flux sensor assembly with proviso for heat shield to reduce radiative transfer between
Cermet for nuclear fuel constructed by pressing	sensor elements
metal coated ceramic particles in die at	[NASA-CASE-XHS-05909-11 C14 W69-27450
temperature to cause bonding of metal coatings, and tested for thermal stability	Gas Cooled high temperature thermocouple
[NASA-CASE-LEH-10219-1] c18 N71-28729	[NASA-CASE-KLE-09475-1] c33 N71-15568
Ultraviolet and thermally stable polymer	Control of fusion welding through use of thermocouple wire
compositions	[NASA-CASE-MPS-06074] c15 N71-20393
[NASA-CASE-ARC-10592-1] c18 N74-21156	Heat sensing instrument, using thermocounte
Hultilegged support system for wind tunnel test	junction connected under heavy conducting
models subjected to thermal dynamic loading	material [NASA_CASE_VIL_04554]
[NASA-CASE-XLA-01326]	[NASA-CASE-XIA-01551] c14 N71-22989 Design and characteristics of thermocouples
Development of device for simulating cyclic	consisting of flexible tape for improved
thermal loading of flexible materials by application of mechanical stresses and	attachment to temperature source
deformations	[NASA-CASE-XNP-01659] C14 N74-22020
[NASA-CASE-LAR-10270-1] c32 H72-25877	Bixed liquid and vapor phase analyzer design
BREIONIC CATHODES	with thermocouples for relative heat transfer measurement
Thermionic cesium diode converter with cavity	[NASA-CASE-NPO-10691] C14 N71-26100
emitters [NASA-CASE-NPO-10412] c09 N71-28421	Domo?
MADDA YADU MAY YT & CUS N / 1 = 7 K4 / 1	bevelopment of thermocouple instrument for
ERHIORIC CORVERTERS	Development of thermocouple instrument for Deasuring temperature of wall heated by
RENHIORIC CONVERTERS Vacuum thermionic converter with short-circuited	flowing fluid without disturbing boundary layer
ERHIORIC CONVERTERS Vacuum thermionic converter with short-circuited triodes and increased electron transmission	flowing fluid without disturbing boundary layer [NASA-CASE-XLE-05230] c14 N72-27410 Development of performed attached the responsible
RENHIORIC CONVERTERS Vacuum thermionic converter with short-circuited	flowing fluid without disturbing boundary layer

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Thermocouple apparatus for measuring wall	water temperature rise
temperatures in regeneratively cooled rocket	[NASA-CASE-XAC-00812] c14 N71-15598
engines having thin walled cooling passages [NASA-CASE-XLE-05230-2] c14 N73-13417	Borizon sensor design with digital sampling of spaced radiation-compensated thermopile
Development of flexible thermocouple in form of	infrared detectors
tape for adaptation to special temperature	[NASA-CASE-INP-06957] c14 N71-21088
measuring conditions	Development of thermopile with sensor surface to
[NASA-CASE-LEW-11072-1] , c14 N73-24472	receive radiant energy and to provide
THERMODYNAMIC PROPERTIES	measurement of energy quantity
Development of equipment for measuring thermal shock resistance of thin discs of material	[NASA-CASE-NPO-11493] c14 N73-12447 THERMOREGULATION
[NASA-CASE-XLE-02024] C14 N71-22964	Thermoregulating with cooling flow pipe network
Characteristics of foamed-in-place ceramic	for humans
refractory insulating material and method of	[NASA-CASE-XMS-10269] C05 N71-24147
fabrication	THERMOSETTING RESINS
[NASA-CASE-NGS-02435] c18 N71-22998 Operating properties of superconducting magnet	Vacuum method for molding thermosetting compounds used as ablative materials
in vacuum environment	[NASA-CASE-XLA-01091] c15 N71-10672
[NASA-CASE-XNP-06503] c23 N71-29049	Procedure for bonding polytetrafluoroethylene
Design and development of device for moving	thermal protective sleeves to magnesium alloy
liquid through pipes without use of mechanical	conical shell components with different
pumps	thermal coefficients
[NASA-CASE-LAR-10799-1] c12 N73-12295 Cobalt-tungsten alloys with superior strength at	[NASA-CASE-XLA-01262] c15 N71-21404 Method for honeycomb panel bonding by
elevated temperatures	thermosetting film adhesive with electrical
[NASA-CASE-LEW-10436-1] C17 N73-32415	heat means
THEREOELECTRIC GENERATORS	[NASA-CASE-XMF-01402] c18 N71-21651
Use of silicon controlled rectifier shorting	Heat treatment and tooling for forming shapes
circuit to protect thermoelectric generator	from thermosetting honeycomb core sheets
source from thermal destruction [NASA-CASE-IGS-04808] c03 N69-25146	[NASA-CASE-NFO-11036] c15 N72-24522 Pluorinated polyurethanes produced by reacting
Procedure for segmenting lead telluride and	hydroxy terminated perfluoro polyether with
silicon germanium thermoelectric elements to	diisocyanate
obtain composite elements effective over wide	[NASA-CASE-NPO-10767-2] c06 N72-27151
temperature range	Vacuum displacement compression molding of
[NASA-CASE-XGS-05718] c26 N71-16037 Low weight, integrated thermoelectric	tubular bodies from thermosetting plastics
generator/antenna combination for spacecraft	[NASA-CASE-LAR-10782-2] c15 N73-31444 Evacuated displacement compression molding
[NASA-CASE-XER-09521] c09 N72-12136	[NASA-CASE-LAR-10782-1] c15 N74-14133
Thermally cascaded thermoelectric generator with	Method for compression molding of thermosetting
radioisotopic heat source	plastics utilizing a temperature gradient
[NASA-CASE-NPO-10753] c03 N72-26031	across the plastic to cure the article
THERMOBLECTRIC MATERIALS Bonding method for improving contact between	[NASA-CASE-LAR-10489-1] c15 N74-18124 THERMOSTATS
lead telluride thermoelectric elements and	Thermal switch for transferring excess heat from
tungsten electrodes	one region to another heat dissipating one
[NASA-CASE-XGS-04554] c15 N69-39786	[NASA-CASE-NNP-00463] c33 N70-36847
Procedure for segmenting lead telluride and	Design and development of linear actuator based
silicon germanium thermoelectric elements to	on bimetallic spring expansion
obtain composite elements effective over wide temperature range	[NASA-CASE-NPO-10637] c15 N72-12409 THICK FILMS
[NASA-CASE-XGS-05718] c26 N71-16037	Material compositions and processes for
THERMORLECTRIC POWER GENERATION	developing dielectric thick films used in
Thermoelectric power conversion by liquid metal	microcircuit capacitors
flowing through magnetic field [NASA-CASE-XNP-00644] c03 N70-36803	[NASA-CASE-LAR-10294-1] c26 N72-28762
[NASA-CASE-XNP-00644] c03 N70-36803 Operation method for combined electrolysis	THIN FILMS Temperature sensitive capacitor device for
device and fuel cell using molten salt to	detecting very low intensity infrared radiation
produce power by thermoelectric regeneration	[NASA-CASE-XNP-09750] c14 N69-39937
mechanism	Thin film gage for measuring convective heat
[NASA-CASE-XLE-01645] c03 N71-20904	transfer on surfaces in air stream
Thermoelectric power system for outer planet space flight	[NASA-CASE-NPO-10617] c14 N70-12618
[NASA-CASE-BPS-22002-1] c03 N74-18726	Means and methods of depositing thin films on substrates
THERMOBLECTRICITY	[NASA-CASE-XNP-00595] c15 N70-34967
Development of flexible thermocouple in form of	Method of forming thin window drifted silicon
tape for adaptation to special temperature	charged particle detector
measuring conditions [NASA-CASE-LEW-11072-1] c14 N73-24472	[NASA-CASE-XLE-00808] c24 N71-10560
Device for measuring thermoelectric properties	Describing apparatus used in vacuum deposition of thin film inductive windings for spacecraft
of materials under high pressure	microcircuitry
[NASA-CASE-NPO-11749] c14 N73-28486	[NASA-CASE-XMF-01667] c15 N71-17647
TERRECLOMINESCENCE	Describing method for vapor deposition of
Method for detecting oxygen in gas by thermoluminescence	gallium arsenide films to manganese substrates
[NASA-CASE-LAR-10668-1] c06 N73-16106	to provide semiconductor devices with low
THERMOMAGNETIC EFFECTS	resistance substrates [NASA-CASE-INP-01328] c26 N74-18064
Thermomagnetic recording and magneto-optic	Development of stable electronic amplifier
playback system having constant intensity	adaptable for monolithic and thin film
laser beam control	construction '
[NASR-CASE-NPO-11317-2] c16 N74-13205 THERMOPHYSICAL PROPERTIES	[NASA-CASE-XGS-02812] C09 N71-19466
Method for determining thermo-physical	Spatter proof evaporant source design for use in
properties of specimens photographic	Vaçuum deposition of solid thin films on substrates
properties of specimens photographic recording of changes in thin film phase-change	substrates [NASA-CASE-IMP-06065] c15 N71-20395
recording of changes in thin film phase-change temperature indicating material in wind tunnel	substrates [NASA-CASE-IMF-06065] c15 N71-20395 Binding layer of semiconductor particles by
recording of changes in thin film phase-change temperature indicating material in wind tunnel (NASA-CASE-LAR-11053-11 c33 N74-18551	substrates [NASA-CASE-XMF-06065] Sinding layer of semiconductor particles by electrodeposition
recording of changes in thin film phase-change temperature indicating material in wind tunnel	substrates [NASA-CASE-IMF-06065] c15 N71-20395 Binding layer of semiconductor particles by

c28 N71-28850

Device for high vacuum film deposition with electromagnetic ion steering	nonmalleable materials in both ends [NASA-CASE-XFR-05302] c15 N71-2325
[NASA-CASE-NPO-10331] c09 N71-26701 Hagnetic recording head composed of ferrite core coated with thin film of aluminum-iron-silicon	THRRE DIMENSIONAL HOTION Solid state controller three axes controller [NASA-CASE-HSC-12394-1] c03 N74-1094
alloy	THRESHOLD GATES
Thin film capacitive bolometer and capacitance	Apparatus with summing network for compression of analog data by decreasing slope threshold
temperature interchange sensor [NASA-CASB-NPO-10607] c09 N71-27232	sampling [NASA-CASE-NPO-10769]
Blectrical connections for thin film hybird microcircuits	Boron radiation hardening for stabilizing gate
[NASA-CASE-XMS-02182] c10 N71-28783	threshold potential of HOS devices [NASA-CASE-GSC-11425-2] c09 N73-3211
Single crystal film semiconductor devices [NASA-CASE-ERC-10222] c09 N72-22199	THERSHOLD LOGIC Silicon controlled rectifier pulse gate
Haveguide, thin film window and microwave irises [NASA-CASE-LAR-10513-1] c07 N72-25170	amplifier for blocking false gating caused by negative transient voltages
Thin absorbing metallic film for increased visible light transmission	[NASA-CASE-XLA-07497] c09 N71-1251
[NASA-CASE-LAR-10836-1] c26 N72-27784	THRUST Turbofans under wings to provide lift and thrust
Development of thin film microwave iris installed in microwave waveguide transverse to	for STOL aircraft [NASA-CASE-LEB-11224-1] CO2 N72-1003
flow of energy in waveguide [NASA-CASE-LAR-10511-1] c09 N72-29172	THRUST AUGHENTATION
Development of procedure for producing thin	Exhaust nozzle with afterburning for generating thrust
transparent films of zinc oxide on transparent refractory substrate	[NASA-CASE-XLA-00154] c28 N70-3337 Construction and method of arranging plurality
[NASA-CASE-FRC-10019] c15 N73-12487 Process for analysis of strain field of	of ion engines to form cluster thereby increasing efficiency and control by
structures subjected to large deformations involving low modulus substrate with thin	decreasing heat radiated to space
coating	(NASA-CASE-XNP-02923] c28 N71-2308 Adjustable airfoil for reversable coul flap
[NASA-CASE-LAR-10765-1] c32 N73-20740 Method for wapor deposition of thin films	inlet thrust augmentation [NASA-CASE-ARC-10754-1] c28 N73-32624
[NASA-CASE-MFS-20775-1] c26 N73-23770 Dual wavelength system for monitoring film	THRUST CHAMBERS Rocket chamber leak test fixture using tubular
deposition [NASA-CASE-MFS-20675] c26 N73-26751	plug
Monomer polymerization by plasma discharge as	[NASA-CASE-XFR-09479] c14 N69-2750: Supporting and protecting frame structure and
thin film for water purification membrane [NASA-CASE-ARC-10643-1] c06 N73-29074	plug for empty thrust chamber assembly, handling, and shipping
Thin film analyzer utilizing holographic techniques	[NASA-CÁŠE-XNF-00580] c11 N70-3538; Large area-ratio nozzles for rocket motor thrust
[NASA-CASE-MFS-20823-1] c16 N73-30476 Transparent switchboard which permits optical	chambers
display devices to be adapted for use in man	[NASA-CASE-KLE-00145] c28 N70-36800 Method for shaping regeneratively cooled rocket
machine communications [NASA-CASE-MSC-13746-1] c10 N73-32143	motor casing having minimum thickness at each channel cross section
<pre>Method for determining thermo-physical properties of specimens photographic</pre>	[NASA-CASE-XLE-00409] c28 N71-15658 Regeneratively cooled rocket motor casing with
recording of changes in thin film phase-change temperature indicating material in wind tunnel	tapered channels to insure minimum thicknesses
[NASA-CASE-LAR-11053-1] c33 N74-18551 THIS WALLED SHELLS	at each channel cross section for necessary strength requirements
Thin walled pressure test vessel using	[NASA-CASE-XLE-05689] c28 N71-15659 Rocket engine injector orifice to accommodate
low-melting alloy-filled joint to attach shell to heads	changes in density, velocity, and pressure, thereby maintaining constant mass flow rate of
[NASA-CASE-KLE-04677] c15 N71-10577	propellant into rocket combustion chamber
Channel-type shell construction for rocket	Fuel and oxidizer injection head for thrust
engines and related configurations [NASA-CASE-XLB-00144] c28 N70-34860	chamber of reaction engine [NASA-CASE-NPO-10046] c28 N72-17843
Sealed separable connection for thin wall metal tube	Continuous gas flow control by fluidic proportional thruster system
[NASA-CASE-NPO-10064] c15 N71-17693 Low mass truss structure with elongated	[NASA-CASE-ARC-10106-1] c28 N72-22769 Radial magnetic field for ion thruster
thin-walled tubular segments	[NASA-CASE-LEH-10770-1] c28 N72-22770
Development of differential pressure control	Thermal flux transfer system for maintaining thrust chamber of operative reaction motor at
system using motion of mechanical diaphragms to operate electric switch	given temperatures [NASA-CASE-NPO-12070-1] c28 N73-32606
[NASA-CASE-MFS-14216] c14 N73-13418 Method of fabricating an article with cavities	THRUST CONTROL
with thin bottom walls	Electromechanical actuator and its use in rocket thrust control valve
[NASA-CASE-LAR-10318-1] C14 N74-18089 Hethod of fabricating an object with a thin wall	[NASA-CASE-XHP-05975] c15 M69-23185 Solid propellant rocket wehicle thrust control
having a precisely shaped slit fNASA-CASE-LAR-10409-1] c15 N74-21059	nethod and apparatus
THORIUM FLOORIDES Ultraviolet filter of thorium fluoride and	Thrust and attitude control apparatus using det
cryolite on quartz base	nozzle in movable canard surface or fin configuration
[HASA-CASE-XNP-02340] c23 N69-24332 THEDADS	[MASA-CASE-XLE-03583] c31 N71-17629 Detonation reaction engine comprising outer
Gage for quality control of sealing surfaces of threaded boss	housing enclosing pair of inner valls for continuous flow
[FASA-CASE-IMP-04966] c14 R71-17658 Threadless fastener apparatus comprising	[NASA-CASE-IMF-06926] C28 N74-22983
receiving apertures for plurality of articles,	Low mass ionizing device for use in electric thrust spacecraft engines
self-locked condition, and capable of using	[NASA-CASE-INP-01954] c28 H71-28850

[NASA-CASE-NPO-10388]

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Time division nultiplexed telemetry transmitting system controlled by programmed memory
[NASA-CASE-GSC-10131-1] c07 N71-24624
    Heated porous plug microthrustor for spacecraft
        reaction jet controlled systems such as fuel
       flow regulation, propellant disassociation, and heat transfer augmentation
                                                                                                                                                         CO7 N71-24624
                                                                                             TIME PUNCTIONS
                                                                                                 Cathode ray oscilloscope for analyzing electrical waveforms representing amplitude distribution of time function
       [NASA-CASE-GSC-10640-1]
                                                            c28 N72-18766
THRUST MEASUREMENT
    Dynamometer measuring microforce thrust produced
                                                                                                    [NASA-CASE-XNP-01383]
                                                                                                                                                         c09 N71-10659
       by ion engine
                                                                                             TIRE LAG
                                                            c18 N70-40203
        [NASA-CASE-XLE-00702]
                                                                                                 Closed loop radio communication ranging system
    Development of thrust dynamometer for measuring
                                                                                                     to determine distance between moving airborne
       performance of jet and rocket engines [NASA-CASE-XLE-05260] clu
                                                                                                  vehicle and fixed ground station
(NASA-CASE-XNP-01501) c21 N70-4

Minimum time delay unit for conventional time
multiplexed data compression channels
                                                            c14 N71-20429
                                                                                                                                                         c21 N70-41930
    Development of temperature compensated thrust
       measuring gage for measuring forces as function of time in environment with varying
                                                                                            Apparatus for estimating amplitude and sign of phase difference or time lag between two signals [NASA-CASE-NPO-11203] c10 N72-20224

TIME MEASURING INSTRUMENTS
                                                                                                                                                         COS N71-12506
        temperature
        [ NASA-CASE-XGS-02319 ]
                                                            c14 N71-22965
    Micro-pound extended range thrust stand for
        small rocket engines
[NASA-CASE-GSC-10710-1]
                                                            c28 N71-27094
                                                                                                  Mechanism for measuring nanosecond time
differences between luminous events using
THRUST VECTOR CONTROL
    Thrust vector control by secondary injection of
fluid into rocket nozzle flow field to
                                                                                                     streak camera
                                                                                             [BASA-CASE-ILA-01987]
TIME OF PLIGHT SPECTROMETERS
        separate exhaust flow
                                                            c28 N7Q-34294
        [ NASA-CASE-XLE-00208 ]
    High velocity guidance and spin stabilization gyro controlled jet reaction system for launch
                                                                                                  Design and characteristics of time of flight
                                                                                                     mass spectrometer to measure or analyze gases at low pressures and time of flight of single
       webicle payloads
[WASA-CASE-XLA-01339]
                                                                                                     gas molecule
                                                            c31 N71-15692
                                                                                                     [ NASA-CASE-XNP-01056 ]
                                                                                                                                                          c14 N71-23041
     Ion beam deflector system for electronic thrust
                                                                                                  Cosmic dust analyzer using ion time of flight
techniques to determine constituency of
        vector control for ion propulsion yaw, pitch,
        and roll forces
                                                                                                     hypervelocity particles such as micrometeroids [BASA-CASE-MSC-13802-1] c30 M72-2080
       [ NASA-CASE-LEW-10689-1]
                                                            c28 N71-26173
    Tertiary flow injection system for thrust vectoring of propulsive nozzle flow [NASA-CASE-MFS-20831] c28 N7
Development of thrust control system for application to control of aircraft and
                                                                                                                                                          c30 N72-20805
                                                                                             TIME SERIES ANALYSIS
                                                                                                  Device for performing statistical time-series analysis of complex electrical signal waveforms [NASA-CASE-MSC-12428-1] c10 N73-25240
                                                            c28 N71-29153
                                                                                             TIME SHARING
        spacecraft
        [NASA-CASE-MSC-13397-1]
                                                                                                  Integrated time shared instrumentation display
                                                            c21 N72-25595
    Development of vortex fluid amplifier for throttling rocket exhaust
[NASA-CASE-LEW-10374-1] c28 N
                                                                                                     for aerospace vehicle simulators [NASA-CASE-XLA-01952]
                                                                                                                                                          c08 N71-12507
                                                             c28 N73-13773
                                                                                             TIRE SIGNALS
                                                                                                  Monitoring system for signal amplitude ranges over predetermined time interval
TERUST-WEIGHT RATIO
     Launch pad missile release system with bending
                                                                                                  [NASA-CASE-IMS-04061-1] c09 N69-391
Development of method for synchronizing clocks
at several ground stations based on signals
        moment change rate reduction in thrust
        distribution structure at liftoff
        [NASA-CASE-INF-03198]
                                                                                                     received from spacecraft or satellites
THYROID GLAND
                                                                                                     [NASA-CASE-XNP-08875]
                                                                                                                                                          c10 N71-23099
     Apparatus for producing high purity 1-123 ---
for thyroid measurement
                                                                                                  Time synchronization system for synchronizing clocks at remote locations with master clock
        [ NASA-CASE-LEW-10518-3]
                                                            c15 N74-10476
                                                                                                     using moon reflected coded signals [NASA-CASE-NPO-10143]
TILES
     Strain arrestor plate --- bonding rigid thermal insulation tiles to metallic plates or
                                                                                                                                                          c10 N71-26326
                                                                                                  Circuit for measuring wide range of pulse rates
        structural parts
[NASA-CASE-MSC-14182-1]
                                                                                                      by utilizing high capacity counter
                                                                                                                                                          c10 N71-27137
                                                                                                      [NASA-CASE-INP-06234]
                                                             c18 N74-15213
                                                                                                  System for generating timing and control signals during repetitive fixed length serial data
TIME CONSTANT
     variable time constant, wide frequency range
smoothing network for noise removal from palse
                                                                                                      transmission
                                                                                                     [ NASA-CASE-NPO-13125-1 ]
                                                                                                                                                          c09 N73-18225
        chains
                                                                                              TIMING DEVICES
        [NASA-CASE-IGS-01983]
                                                             c10 N70-41964
TIME DISCRIMINATION
                                                                                                   Design and development of synchronous servo loop
                                                                                                     control system
[NASA-CASE-XNP-03744]
     Extra-long monostable multivibrator employing bistable semiconductor switch to allow
                                                                                                                                                          c10 N71-20448
                                                                                                   Development of method for synchronizing clocks
         charging of timing circuit
                                                                                                  at several ground stations based on signals received from spacecraft or satellites [NASA-CASE-INP-08875] c10 N71-23 Development and characteristics of resettable
        [NASA-CASE-KGS-00381]
                                                             c09 N70-34819
 TIME DIVISION BULTIPLEXING
                                                                                                                                                          c10 N71-23099
     Synchronizing apparatus for multi-access
        satellite time division multipler system [NASA-CASE-XGS-05918] co7 N6
                                                                                                     monostable pulse generator with charge
rundown-timing circuit
[NASA-CASE-GSC-11139] c09
                                                            c07 #69-39974
     Time division multiplexer with magnetic latching
        relays
                                                                                                   Data acquisition and processing system with
buffer storage and timing device for magnetic
tape recording of PCM data and timing
        [NASA-CASE-XNP-00431]
                                                             c09 N70-38998
     Data processor baving multiple sections activated at different times by selective
     power coupling to sections
[NASA-CASE-XGS-04767]
Winimum time delay unit for conventional time
multiplexed data compression channels
                                                                                                      information
                                                                                                      [ NASA-CASE-MPO-12107 ]
                                                                                                                                                          c08 N71-27255
                                                             c08 N71-12494
                                                                                                   High speed photo-optical time recorder for
                                                                                                     indicating time at exposure of each frame of
high speed movie camera film
         [NASA-CASE-INP-08832]
                                                             c08 N71-12506
     [MASA-CASE-XNP-08832] CO8 N71-12506

Time division relay synchronizer with master sync pulse for activating binary counter to produce signal identifying time slot for station [NASA-CASE-GSC-10373-1] CO7 N71-19773

Sampling circuit for signal processing in multiplex transmission by Fourier analysis [NASA-CASE-NPO-10388]
                                                                                                     [NASA-CASE-KSC-10294]
                                                                                                                                                          c14 N72-18411
                                                                                              TIRES
                                                                                                   Temperature sensor warning system for pneumatic
                                                                                                      tires of aircraft and ground vehicles
                                                                                                                                                          c14 N71-15620
                                                                                                      [NASA-CASE-XLA-01926]
                                                                                                   Resilient wheel design with woven wire tire and abrasive treads for lunar surface vehicles
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[NASA-CASE-EPS-13929]

c15 N71-2709

c07 N71-24622

TISSUES (BIOLOGY)	TOUCH
Servo-controlled intravital microscope system	Bechanically operated hand which can depress
[NASA~CASE~NPO-13214-1] c14 N74-19093	trigger using touch control device
Vacuum preparation of zinc titanate pigment	[NASA-CASE-MFS-20413] c15 N72-21463
resistant to loss of reflective properties	Heasuring method for cutaneous perception using
LNADA~CASE~NPS~135321	instrument with elongated tubular housing [NASA-CASE-MSC-13609-1] c05 N72-25122
ATAWIOE	Prosthetic limb with tactile sensing device
Joining aluminum to stainless steel by bonding	[NASA-CASE-MPS-16570-1] c05 N73-32013
aluminum coatings onto titanium coated	TOUBES
stainless steel and brazing aluminum to aluminum/titanium coated steel	Aerial capsule emergency separation device using
. LNASA-CASE-RES-073691 -45 N74_20002	jettisonable towers
TITABLUH ALLOYS	[NASA-CASE-XLA-00115] . c03 N70-33343 TOXICITY AND SAPETY HAZARD
Method to prevent stress corrosion cracking in	Apparatus for remote handling of materials
(was) care was tooks	nixing or analyzing dangerous chemicals
[NASA-CASE-NPO-10271] c17 N71-16393 Chemical spot tests for identification of	[NASA-CASE-LAR-10634-1] c15 N74-18123
titanium and titanium alloys used in aerospace	TOXICOLOGY
Vehicles	System for continuous monitoring of exhalations,
[NASA-CASE-LAR-10539-1] c17 N73-12547	<pre>weighing, and cage cleaning for animal exposed to controlled atmosphere for toxic study</pre>
TOLERANCES (HECHANICS)	[NASA-CASE-XAC-05333] c11 N71-22875
Mechanism for restraining universal joints to	TRACE CONTABINANTS
prevent separation while allowing bending, angulation, and lateral offset in any position	Describing crystal oscillator instrument for
about axis	detecting condensible gas contaminants in
[NASA-CASE-XNP-02278] c15 N71-28951	Vacuum apparatus
HOOLS	[NASA-CASE-NPO-10144] c14 N71-17701 Heated tungsten filter for removing oxygen
Tool attachment for spreading or moving away	impurities from cesium
100Se elements from terminal posts during	[NASA-CASE-XNP-04262-2] c17 N71-26773
winding of filamentary elements [NASA-CASE-XMF-02107] c15 N71-10809	TRACE ELEGENTS
[NASE-CASE-XMF-02107] c15 N71-10809 Development of adjustable attitude guide block	Ion microprobe mass spectrometer with cooled
for setting pins perpendicular to irregular	electrode target for analyzing traces of fluids
convex work surface	[NASA-CASE-ERC-10014] C14 N71-28863 TRACKING (POSITION)
[NASA-CASE-XLA-07911] c15 N71-15571	Sensor consisting of photocells mounted on
Hand tool for forming dimples and nipples on end	pyramidical base for improved pointing
portion of tubes [NASA-CASE-XMS-06876] c15"N71-21536	accuracy of planetary trackers
Tool for mounting and removing study with	[NASA-CASE-XNP-04180] CO7 N69-39736
adhesive coated head portion	Telespectrograph for analyzing upper atmosphere
[NASA-CASE-MP5-20299] c15 N72-11392	by tracking bodies reentering atmosphere at high velocities
Development of manually operated tool for facing	[NASA-CASE-XLA-03273] C14 N71-18699
exposed end to insert installed in honeycomb	Laser bean projector for continuous, precise
panel [NASA-CASE-MFS-21485-1] c15 N72-31490	alignment between target, laser generator, and
TOOTE DISEASES c15 N72-31490	astronomical telescope during tracking
Process for preparing calcium phosphate salts	[NASA-CASE-NPO-11087] C23 N71-29125 TRACKING FILTERS
ICr tooth repair	System for phase locking outo carrier frequency
[NASA-CASE-ERC-10338] C04 N72-33072	signal located within receiver bandpass
Computer controlled apparatus for maintaining	[NASA-CASE-XGS-04994] c09 N69-21543
welding torch angle and velocity during seam	THACKING RADAR
tracking	Electronic and mechanical scanning control
[NASA-CASE-XMF-03287] c15 N71-15607	system for monopulse tracking antenna [NASA-CASE-NGS-05582] c07 N69-27460
Development of electric seeding torch with	Phase locked loop with sideband rejecting
casing on one end to form inert gas shield	properties in continuous wave tracking radar
[NASA-CASE-XHF-02330] c15 N71-23798	LDADA-CADE-XNP-02/23 1
Flux gate magnetometer with toroidal gating coil	Interferometric tuning acquisition and tracking
and solenoidal output coil for signal	radar antenna system [NASA-CASE-XMS-09610] c07 N71-24625
modulation or amplification	Acquisition and tracking system for optical radar
[NASA-CASE-XGS-01881] c09 N70-40123	[NASA-CASE-NFS-20125] c16 N72-13437
TORQUE Gearing system for eliminating backlash and	TRACKING STATIONS
filtering input torque fluctuations from high	Optical monitor panel consisting of translucent
inertia load	Screen with test or meter information
[NASA-CASE-XGS-04227] c15 N71-21744	projected onto it from rear for application in control rooms of missile launching and
Coupling arrangement for isolating torque loads	tracking stations
from axial, radial, and bending loads [NASA-CASE-XLA-04897] c15 N72-22482	[NASA-CASE-IKS-03509] C14 N71-23175
[NASA-CASE-XLA-04897] c15 N72-22482 TORQUE HOTOES	Simultaneous acquisition of tracking data from
Low speed phaselock speed control system for	two stations
brushless dc motor	[NASA-CASE-NPO-13292-1] G07.N74-15838 TRAILLING-EDGE FLAPS
[NASA-CASE-GSC-11127-1] c09 N74-10202	Double hinged flap for boundary layer control
TORQUEHETERS	over trailing edges of sings
Remote-reading torquemeter for use where high horsepowers are transmitted at high rotative	[NASA-CASE-XLA-01290] CO2 N70-42016
speeds	TRAIDING SINULATORS
[NASA-CASE-XLE-00503] C14 N70-34818	Low and zero gravity simulator for astronaut
Torquemeter for determining magnitude of torque	Chisi-Ciem-war everta
generated by interaction of magnetic dipole	Apparatus for training astronaut cress to
between test specimen and ambient magnetic field	periorm on simulated lunar surface under
[NASA-CASE-IGS-01013] c14 N71-23725	conditions of lunar grawity
Restraint torso for increased mobility and	. [NASA-CASE-IMS-04798]
reduced physiological effects while wearing	TRAJECTORY ANALYSIS
pressurized suits	Table structure and rotating magnet system simulating gravitational forces on spacecraft
[NASA-CASE-BSC-12397-1] c05 N72-25119	and displaying trajectories between Parth
	I-183

Venus, and Hercury [NASA-CASE-XNP-00708] C14 N70-35394	
Planetary atmospheric investigation using split	
trajectory dual flyby mode	
[NASA-CASE-XAC-08494] c30 N71-15990	
PRAJECTORY CONTROL Spacecraft trajectory correction propulsion system	n
rnasa-case-xnp-01104] c28 x70+39931	
Development of technique for control of free	
flight rocket vehicles	
Attitude stabilizer for monquided missile or	
wehicle with respect to trajectory	
[NASA-CASE-ARC-10134] C30 N/2-1/0/3	
TRANSDUCERS Fabrication of pressure-telemetry transducers	
[NASA-CASE-XNP-09752] c14 N69-21541	
Bootstran unloading circuits for sampling	
transducer voltage sources without drawing	
current [NASA-CASE-XNP-09768]	
Transducer for measuring deflections from	
vibrating structures	
[NASA-CASE-XLA-03135] c32 N71-16428	
Describing device for surveying contour of surface using X-Y plotter and traveling	
transducer	
F NA SA - CASE-XLA - 08646] C14 N71-17586	
Rotary bead dropper and selector for testing	
micrometeorite transducers [NASA-CASE-IGS-03304] c09 N71-22988	
Development and characteristics of self-	
calibrating displacement transducer for	
measuring magnitude and frequency of	
displacement of hodies [NASA-CASE-NLA-00781] c09 N71-22999	
Transducer frame for use with extensometer to	
continuously monitor specimen sample	
[NASA-CASE-XLA-10322] c15 N72-17452	
Split range transducer [NASA-CASE-XLA-11189] c10 N72-20222	
Pulsed excitation voltage circuit for strain	
gage bridge transducers	
[NASA-CASE-FRC-10036] c09 N72-22200	
Passive type, magnifying scratch gage, force transducer	
[NASA-CASE-LAR-10496-1] c14 N72-22437	
Transducer for converting arterial pulse wave	
into electric signals [NASA-CASE-GSC-11531-1] c05 N73-11097	
[NASA-CASE-GSC-11531-1] C05 N73-11097 Development of electronic detection system for	
remotely determining number and movement of	
enemy personnel	
[NASA-CASE-ARC-10097-2] c07 N73-25160 Development of electronic circuit for	
measurement transducer power supply to be used	
for liquid level measurement in liquid	
propellant rocket engines / rNASA-CASE-MFS-21698-11 c09 N73-26196	:
[NASA-CASE-MFS-21698-1] C09 N73-26196 Acoustical transducer calibrating system	,
including differential pressure activating	
đevice	
[NASA-CASE-FRC-10060-1] c14 N73-27379 Demodulator for carrier transducers	,
[NASA-CASE-NUC-10107-1] CO9 N74-17930)
TRANSFER PONCTIONS	
Electronic optical transfer function analyzer	
using scanning image dissection system to produce representative output signal	
[NASA-CASE-MPS-21672-1] c23 N73-22630)
TRANSPORBERS	
Impedance transformation device for signal mixing	Į
[NASA-CASE-XGS-01110] c07 N69-24334 Bigh impedance alternating current sensing	ł
transformer device between two bolometers for	
measuring insertion loss of test component	
[NASA-CASE-XNP-01193] c10 N71-16057	7
Magnetic current regulator for saturable core	
transformer [NASA-CASE-ERC-10075] c09 N71-24800)
Obsaturating magnetic core transformer design	
with warning signal for electrical power	
processing equipment [NASA-CASE-ERC-10125] c09 N71-24893	4
Development and characteristics of	•
electronically resettable fuse with saturable	
core current sensing transformer having two	
outside legs and center leg [NASA-CASE-XGS-11177] c09 N71-2700	1

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Development and characteristics of voltage
     regulator for connection in series with
     alternating current source and load using
     three leg, two-window transformer [NASA-CASE-ERC-10113]
                                             c09 N71-27053
   Radial heat flux transformer for use in heating
     and cooling processes
                                              c33 N72-17948
     [NASA-CASE-NPO-10828]
   Current protection equipment for saturable core
     transformers
     [ NASA-CASE-ERC-10075-2]
                                              c09 N72-22196
   Pail-safe multiple transformer circuit
      configuration
                                              c09 N72-25262
     [NASA-CASE-NPO-11078]
   Banded transformer cores
[NASA-CASE-NPO-11966-1]
                                              c09 N74-17928
TRANSIENT LOADS
   Deployable cantilever support for deploying
      solar cell arrays aboard spacecraft and
      reducing transient loading
      [ NASA-CASE-NPO-10883]
                                              c31 N72-22874
TRANSISTOR ABPLIFIERS
   Overcurrent protecting circuit for push-pull transistor amplifiers
     [ NASA-CASE-MSC-12033-1]
                                              c09 N71-13531
TRANSISTOR CIRCUITS
   Low power drain transistor feedback circuit
   [NASA-CASE-XGS-04999] c09 N69-24317
Design of transistorized ring counter circuit
      with special steering and triggering circuits
[WASA-CASE-XGS-03095] c09 N69-27463
   RC transistor circuit to indicate each pulse of
      pulse train and occurrence of nth pulse
      [NASA-CASE-XMF-00906]
                                              209 N70-41655
   Linear sawtooth voltage wave generator with transistor timing circuit having capacitor and
      zener diode feedback loops
      [NASA-CASE-XMS-01315]
                                              c09 N70-41675
   Switching circuit with regeneratively connected
      transistors eliminating power consumption when
      not in use
                                               c10 N70-42032
      [ NASA-CASE-XNP-02654]
    High voltage transistor circuit
      [ NASA-CASE-XNP-06937 ]
                                              c09 N71-19516
    Complementary regenerative transistorized switch
      circuit employing positive and negative feedback [NASA-CASE-XGS-02751] c09 N71-23015
    Inverter drive circuit for semiconductor switch
                                              c10 N71-27126
    [NASA-CASE-LEW-10233] c10 N71-2'
Transistorized circuit for producing multiple
      slope voltage sweep
      [NASA-CASE-XMS-03542]
                                               c09 N71-28926
    Circuitry for high input impedance video processor with high noise immunity [NASA-CASE-NPO-10199] c09 N72-17156
    Ultra-stable oscillator with complementary
      transistors
      [ NASA-CASE-GSC-11513-1 ]
TRANSTSTORS
    Power supply with overload protection for series
      stage transistor
[NASA-CASE-XMS-00913]
                                               c10 N71-23543
    Solid state circuit for switching alternating
      current input signal as function of direct
      current gating transistor [NASA-CASE-XNP-06505]
                                               c10 N71-24799
    Broadband distribution amplifier with
      complementary pair transistor output stages [NASA-CASE-NPO-10003] c10 N71-2
                                               c10 N71-26415
    Transistorized switching logic circuits with
       tunnel diodes
      [ NASA-CASE-GSC-10878-1]
                                               c10 N72-22236
    Integrated microcircuits and complementary
      four-phase logic system [NASA-CASE-MSC-14240-1]
                                               c10 N73-21240
    Inverted geometry transistor for use with monolithic integrated circuit
                                               c09 N73-32112
       [ NASA-CASE-ARC-10330-1 ]
 TRANSITION PLOW
    Ablation article and surface for analyzing flow
      transition on ablative surface
      [ NASA-CASE-LAR-10439-1]
                                               c33 N73-27796
 TRANSLATIONAL MOTION
    Centrifuge wounted motion simulator with elevator mechanism
       [ NASA-CASE-XAC-00399]
                                               c11 N70-34815
    Development and characteristics of translating
       horizontal tail assembly for supersonic aircraft
                                               c02 N71-11043
       [NASA-CASE-XLA-08801-1]
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Semilinear bearing comprising two rows of roller	
bearings separated by spherical bearings and	Spacecraft transponder and ground station radar
permitting rotational and translational movement	system for mapping planetary surfaces
	[NASA-CASE-NPO-11001] c07 N72-21118
Positioning mechanism for converting translatory	Loop transponder for regenerating code of
motion into rotary motion	mu-type ranging system
[NASA-CASE-NPO-10679] c15 N72-21462	[NASA-CASE-NPO-11707] c07 N73-25161
TRANSHISSION EFFICIENCY	Automatic vehicle location system
Microwave power transmission system wherein	[NASA-CASE-NPO-11850-1] c09 N74-12912
level of transmitted power is controlled by	Simultaneous acquisition of tracking data from
reflections from receiver	two stations
[NASA-CASE-MFS-21470-1] c10 N74-19870	[NASA-CASE-NPO-13292-1] CO7 N74-15836 TRANSPORTATION
TRANSBISSION LINES	Supporting and protecting frame structure and
Portable equipment for validating C band launch	plug for empty thrust chamber assembly,
pad antennas and transmission lines used for	handling, and shipping
spacecraft checkout	[NASA-CASE-XMF-00580] c11 N70-35383
[NASA-CASE-XKS-10543] c07 N71-26292	TRAVELING HAVE AMPLIFIERS
Collapsible antenna boom and coaxial	Serrodyne traveling wave tube reentrant
transmission line having inflatable inner tube	amplifier for synchronous communication
L NASA-CASE-MPS-20068] CO7 N71-27191	satellites operating at microwave frequencies
Phase modulator with tuned variable length	[NASA-CASE-IGS-01022] c07 N71-16088
electrical lines including coupling and	TRAVELING HAVE HASERS
varactor diode circuits	Design of folded traveling wave maser structure
[NASA-CASE-MSC-13201-1] c07 N71-28429	[NASA-CASE-INP-05219] c16 N71-15550
Shielded flat conductor cable of ribbonlike	Comb type traveling wave maser amplifier for
wires laminates in thin flexible insulation	improved high gain broadband output
[NASA-CASE-MPS-13687-2] c09 N72-22198	[NASA-CASE-NPO-10548] c16 N71-24831
Development of phase control coupling for use	TRAVELING GAVE TUBES
With phased array antenna	Segmented superconducting magnet producing
[NASA-CASE-ERC-10285] c10 N73-16206	staggered magnetic field and suitable for
Phase protection system for ac power lines	broadband traveling wave masers
[NASA-CASE-MSC-17832-1] c10 N74-14956	[NASA-CASE-XGS-10518] c16 N71-28554
System for stabilizing cable phase delay utilizing a coarial cable under pressure	TRAVELING BAVES
[NASA-CASE-NPO-13138-1] c09 N74-17927	Traveling wave maser for operation in 7 to 20
TRANSMITTANCE	GHz frequency range
Electro-optical system for scanning variable	[NASA-CASE-NPO-11437] c16 N72-28521 TRIGGER CIRCUITS
transmittance objects	Design of transistorized ring counter circuit
[NASA-CASE-NPO-11106-2] c23 N72-28696	with special steering and triggering circuits
Transmitting and reflecting diffuser	[NASA-CASE-XGS-03095] c09 N69-27463
[NASA-CASE-LAR-10385-3] c23 N73-32538	Triggering system for electric arc driven
TRANSMITTER RECEIVERS	impulse wind tunnel
Low weight, integrated thermoelectric	[NASA-CASE-XMF-00411] c11 N70-36913
generator/antenna combination for spacecraft	Voltage range selection apparatus for sensing
[NASA-CASE-XER-09521] c09 N72-12136	and applying voltages to electronic
Transmitter receiver system for measuring	instruments without loading signal source
millivolt electrical signals with high common	[NASA-CASE-XMS-06497] c14 N71-26244
node potential	One shot multivibrator circuit for producing
[NASA-CASE-XLE-03155-2] c09 N72-20205 Location identification system with ground based	long duration output pulses
transmitter and aircraft borne receiver/decoder	[NASA-CASE-ARC-10137-1] c09 N71-28468
[NASA-CASE-ERC-10324] c07 N72-25173	Voltage amplitude-responsive trigger circuit
Development of timing device for conserving	with silicon controlled rectifier
batteries on remote data collection platform	[NASA-CASE-GSC-10221-1] c09 N72-23171
by generating synchronous time windows	Rapidly pulsed, high intensity, incoherent light source
[NASA-CASE-GSC-11182-1] C31 N73-32769	[NASA-CASE-XLE-2529-3] c09 N74-20859
Automatic vehicle location system	TRIGONOMETRY
[NASA-CASE-NPO-11850-1] CO9 N74-12912	Electrical and electromechanical trigonometric
TRANSHITTERS	computation assembly and space vehicle
Temperature telemetric transmitter with	guidance system for aligning perpendicular
frequency determining tank circuit for short	axes of two sets of three-axes coordinate
range transmission	references
[NASA-CASE-NPO-10649] c07 N71-24840	[NASA-CASE-XMF-00684] c21 N71-21688
Multicarrier communications system for transmitting modulated signals from single	TRIBERS
transmitter	New trifunctional alcohol derived from trimer
[NASA-CASE-NPO-11548] c07 N73-26118	acid and novel method of preparation [NASA-CASE-NPO-10714] c06 N69-31244
Digital transmitter for data bus communications	TRIODES c06 N69-31244
system	Vacuum thermionic converter with short-circuited
[NASA-CASE-MSC-14558-1] c07 N74-17888	triodes and increased electron transmission
TRANSONIC SPEED	and conversion efficiency
Construction of leading edges of surfaces for	[NASA-CASE-KLE-01015] c03 N69-39898
aerial vehicles performing from subsonic to	TRITIUH
above transonic speeds	Method for determining state of charge of alkali
[NASA-CASE-XLA-D1486] c01 N71-23497	batteries by using tritium as tracer
TRANSONIC WIND TUNERLS	[NASA-CASE-XNP-01464] c03 N71-10728
Wind tunnel test section for simulating high	TRUSSES
Reynolds number over transonic speed range [NASA-CASE-MFS-20509] c11 N72-17183	Low mass truss structure with elongated
TRANSPARENCE	thin-walled tubular segments
Transparent polycarbonate resin, shell helmet	[NASA-CASE-LAR-10546-1] c11 N72-25287 TUBE HEAT EXCHANGERS
and latch design for high altitude and space	High resistance cross flow hoot
flight	High resistance cross flow heat exchangers for electrothermal rocket engines
[NASA-CASE-XMS-04935] c05 N71-11190	f NACA
TRAUSPONDERS	Gas chromatographic method for determining water
Equipment for testing of ground station ranging	in nitrogen tetroxide rocket propellant
equipment and spacecraft transponders	[NASA-CASE-NPO-10234] c06 N72-17094
[NASA-CASE-XMS-05454-1] c07 N71-12391	TUBES

Forming tubes from long thin flat metal strips

SUBJECT INDEX TUMBLING MOTION

[NASA-CASE-XGS-04175] c15 N71-18579	Apparatus for welding blades to rotors
Hermetic sealing device for ends of tubular	[NASA-CASE-LEW-10533-2] c15 N74-11300
bodies during materials testing operations	TURBINES
[NASA-CASE-NPO-10431] c15 N71-29132	Liquid-vapor interface seal design for turbine rotating shafts including helical and
TUMBLING MOTION Tumbling motion system for object demagnetization	molecular pumps and liquid cooling of mercury
[NASA-CASE-XGS-02437] C15 N69-21472	Vapor
TUNGSTEN	[NASA-CASE-XNP-02862-1] c15 N71-26294
Bonding method for improving contact between	TURBOCOMPRESSORS
lead telluride thermoelectric elements and	Multistage multiple reentry axial flow reaction
tungsten electrodes rnasa-case-%gs-04554 c15 N69-39786	turbine with reverse flow reentry ducting [NASA-CASE-XLE-00170] c15 N70-36412
[NAŠA-CASE-XGS-04554] c15 N69-39786 Method for producing porous tungsten plates for	TORBOYAN ENGINES
ionizing cesium compounds for propulsion of	Transonic propulsion fan for turbofan engine
ion engines	with rotor blade spacing designed to minimize
[NASA-CASE-XLE-00455] C28 N70-38197	noise emission
Two step process for cladding nuclear fuels with	[NASA-CASE-LEW-11402-1] c28 N72-20770 Development of annular acoustically porous
tungsten [NASA-CASE-XNP-03704] c15 N71-17695	elements for installation in exhaust and inlet
Small plasma probe using tungsten wire collector	ducts of turbofan engine to reduce aircraft
in tubular sbield	engine noise intensity
[NASA-CASE-XLE-02578] c25 N71-20747	[NASA-CASE-LAR-11141-1] c02 N73-22975
Production method for manufacturing porous	TURBOYANS
tungsten bodies from tungsten powder particles [NASA-CASE-XNP-04339] c17 N71-29137	Turbofans under wings to provide lift and thrust for STOL aircraft
vapor deposition method for forming metallized	[NASA-CASE-LEW-11224-1] C02 N72-10033
tungsten contacts on silicon substrates	TURBOJET ENGINES
[NASA-CASE-GSC-10695-1] c09 N72-25259	Telescoping-spike supersonic nozzle for turbojet
TUNGSTEN ALLOYS	or ramjet engines [NASA-CASE-XLE-00005] c28 N70-39899
Evaporating crucible of tantalum-tungsten foil, nickel alumina bonding agent, and ceramic	[NASA-CASE-XLE-00005] c28 N70-39899 Design and development of gas turbine combustion
coating	unit with nozzle quide vanes for introducing
[NASA-CASE-XLA-03105] c15 N69-27483	diluent air into combustion gases
Cobalt-tungsten alloys with superior strength at	[NASA-CASE-KLE-103477-1] c28 N71-20330
elevated temperatures	TURBOMACHINERY
[NASA-CASE-LEW-10436-1] c17 N73-32415	Blade wibration damping pins for turbomachinery [NASA-CASE-KLE-00155] C28 N71-29154
TOWING Active tuned circuits for microelectronic	TURBOSHAPTS
construction	Remote-reading torquemeter for use where high
[NASA-CASE-GSC-11340-1] c10 N72-33230	horsepowers are transmitted at high rotative
Microwave generator using Gunn effect for	speeds (NASA-CASE-XLE-005031 c14 N70-34818
magnetic tuning [NASA-CASE-NPO-12106] c09 N73-15235	[NASA-CASE-NLE-00503] c14 N70-34818 TURBULENT FLON
TOWNEL DIODES	System for measuring drag forces in a
Low power drain transistor feedback circuit	turbulently flowing fluid
[NASA-CASE-MGS-04999] c09 N69-24317	[NASA-CASE-ARC-10755-1] C14 N74-14115
TORBINE BLADES	TURNSTILE ANTENNAS
Transpiration cooled turbine blade made from metallic or ceramic wires	Flexible turnstile antenna system for reducing nutation in spin-oriented satellites
[NASA-CASE-XLE-00020] c15 N70-33226	[NASA-CASE-XHP-00442] c31 H71-10747
Modification and improvement of turbine blades	Broadband modified turnstile antenna for use in
for maximum cooling efficiency	space tracking and communications
[NASA-CASE-XLE-00092] c15 N70-33264	[NASA-CASE-MSC-12209] c09 N71-24842
Preparation of nickel alloys for jet turbine blades operating at high temperatures	Turnstile slot antenna [NASA-CASE-GSC-11428-1] c09 N74-20864
[NASA-CASE-XLE-00151] c17 N70-33283	TURRET
External device for liquid spray cooling of gas	Indexing mechanism for cathode array
turbine blades	substitution in electron beam tube
[NASA-CASE-XLE-00037]	[NASA-CASE-NPO-10625] CO9 N71-26182
Apparatus for liquid spray cooling of turbine blades	TWO BODY PROBLEM Instrument for measuring potentials on two
[NASA-CASE-XLE-00027] c33 N71+29152	dimensional electric field plot
Process for welding compressor and turbine	[NASA-CASE-XLA-08493] c10 N71-19421
blades to rotors and discs of jet engines	TWO PHASE PLOW
[NASA-CASE-LEW-10533-1] C15 N73-28515	Solenoid two-step valve for bipropellant flow
TURBINE ENGINES Design and development of movable turbine inlet	rate control to rocket engine [NASA-CASE-XMS-04890-1] c15 N70-22192
guide vanes to provide aerodynamic choking for	Two phase fluid pressurization system for
jet engine	propellant tank
[NASA-CASE-LAR-10642-1]	[WASA-CASE-MSC-12390]
Method and apparatus for improving operating efficiency and reducing low speed noise for	Two-phase flow system with discrete, impinging two-phase jets
turbine aircraft engines	[NASA-CASE-NPO-11556] c12 N72-25292
[NASA-CASE-LAR-11310-1] c28 N73-31699	TYPEWRITERS
TURBIBE PUMPS	Guide accessories for correctly aligning paper
Pulsed energy power system for application of	in typewriter to correct typographical errors
combustible gases to turbine controlling ac voltage generator	[NASA-CASE-MPS-15218-1] c15 N73-31438
[NASA-CASE-MSC-13112] c03 N71-11057	11
Portable cryogenic cooling system design	Ü
including turbine pump, cooling chamber, and	O BENDS
atomizer (Nasa-case-NDO-108671	Elbow forming in jacketed pipes while maintaining separation between core shape and
[NASA-CASE-NPO-10467] c23 N71-26654 Supersonic-combustion rocket	maintainino separation netveen core saape and
[NASA-CASE-LEW-11058-1] c28 N74-13502	jacket pipes [NASA-CASE-XNP-10475] c15 N71-24679
[NASA-CASE-LEW-11058-1] c28 N74-13502 TUBBIER WHEBLS	jacket pipes [NASL-CASE-XNP-10475] c15 N71-24679 U shaped heated tube for distillation and
[NASA-CASE-LEW-11058-1] c28 N74-13502	jacket pipes [NASL-CASE-XNP-10475] c15 N71-24679

c28 N71-28928

Locking device for retaining turbine rotor blades on turbine wheel [NASA-CASE-XNP-00816] c28 N71

ULLAGE	
Padiation monroe and data the contract of	OLTRAVIOLET REPLECTION
Radiation source and detection system for	Composition and production method of alkali
measuring amount of liquid inside tanks	metal silicate paint with ultraviolet
independently of liquid configuration [NASA-CASE-MSC-12280] c27 N71-16348	reflection properties
ULTRAHIGH VACUUM C27 H71-16348	[NASA-CASE-XGS-04799] c18 N71-24183
Solid lubricant applied to porous roller	Ultraviolet light reflective coating
bearings prior to use in ultrahigh vacuum	[NASA-CASE-GSC-11786-1] c18 N74-10542
[NASA-CASE-XLE-09527] c15 N71-17688	ULTRAVIOLET SPECTRA
Calibration of vacuum gauges for measuring total	Ultraviolet chromatographic detector for
and partial pressures in ultrahigh vacuum region	quantitative and qualitative analysis of
[NASA-CASE-IGS-07752] c14 N73-30390	Compounds
Oltrahigh vacuum gauge with two collector	[NASA-CASE-HQN-10756-1] c14 N72-25428
electrodes	ULTRAVIOLET SPECTROHETERS
[NASA-CASE-LAR-02743] c14 N73-32324	Concave grating spectrometer for use in near and
Insitu transfer standard for utlrahigh vacuum	vacuum ultraviolet regions [NASA-CASE-XGS-01036]
gage calibration	[NASA-CASE-NGS-01036] c14 H70-40003 Telespectrograph for analyzing upper atmosphere
[NASA-CASE-LAR-10862-1] c14 N74-15092	by tracking bodies reentering atmosphere at
OLTHASORIC AGITATION	high velocities
Development of ultrasonic radiation equipment	[NASA-CASE-XLA-03273] c14 N71-18699
for removing material from host surface and	UHBILICAL COMMECTORS
vacuum apparatus for recovery of material	Umbilical separator for rockets
[NASA-CASE-NPO-11213] c15 N73-20514	[NASA-CASE-XNP-00425] c11 N70-38202
ULTRASOUIC RADIATION	Remotely actuated quick disconnect mechanism for
Ultrasonic biomedical measuring and recording	nmbilical cables
apparatus for recording motion of internal	[NASA-CASE-XLA-00711] c03 N71-12258
organs such as heart walves	Remotely actuated quick disconnect for tubular
[NASA-CASE-ARC-10597-1] c05 H74-20726	umbilical conduits used to transfer fluids
ULTRASONIC TESTS	from ground to rocket wehicle
Ultrasonic scanner for radial and flat panels	[NASA-CASE-XLA-01396] c03 N71-12259
[NASA-CASE-MFS-20335-1] c14 N74-10415	Internal and external serpentine devices for
Ultrasonic scanning system for in-place	performing physical operations around orbital
inspection of brazed tube joints [NASA-CASE-MFS-20767-1] c15 N74-15130	space stations
[NASA-CASE-MFS-20767-1] c15 N74-15130	[NASA-CASE-XHF-05344] c31 N71-16345
Method and apparatus for nondestructive testing	Breakaway multiwire electrical cable connector
using high frequency arc discharges [NASA-CASE-MFS-21233-1]	with particular application for umbilical type
[NASA-CASE-HFS-21233-1] c23 N74-15395 ULTRASORIC HAVE TRANSDUCERS	cables
Development of ultrasonic radiation equipment	[NASA-CASE-NPO-11140] c15 N72-17455
for removing material from host surface and	Gas operated quick disconnect coupling for
vacuum apparatus for recovery of material	umbilical connectors
[NASA-CASE-NPO-11213] c15 N73-20514	[NASA-CASE-NPO-11202] c15 N72-25450
Ultrasonic bone densitometer for measuring	UBBILICAL TOUERS
calcium content of bone structures	Emergency escape cabin system for launch towers
[NASA-CASE-MFS-20994-1] c05 N73-30090	[NASA-CASE-XKS-02342] c05 N71-11199 UNDERFATER ENGIDERRING
Reference apparatus for medical ultrasonic	Ejectable underwater sound source recovery
transducer	assembly
[NASA-CASE-ARC-10753-1] c05 N74-13818	[NASA-CASE-LAR-10595-1] c15 N74-16135
ULTRASOBICS	UDDERUATER TESTS
Ultrasonic wrench for applying vibratory energy	Pressure regulator for space suit worn
to mechanical fasteners	underwater to simulate space environment for
[NASA-CASE-MFS-20586] c15 N71-17686	testing and experimentation
ULTRAVIOLET FILTERS	[NASA-CASE-HFS-20332] c05 N72-20097
Ultraviolet filter of thorium fluoride and	Underwater space suit pressure control regulator
cryolite on quartz base	F
	[NASA-CASE-HFS-20332-2]
[NASA-CASE-XNP-02340] c23 N69-24332	[NASA-CASE-HFS-20332-2] c05 h73-25125 URIFORH FLOR
[NASA-CASE-XMP-02340] c23 M69-24332 Development of ultraviolet resonance lamp with	Uniform FLOS
[NASA-CASE-XMP-02340] c23 M69-24332 Development of ultraviolet resonance lamp with improved transmission of radiation	UNIFORM FLOG Procedure for generating uniform flow at warying welocities in wind tunnel test section
[NASA-CASE-INP-02340] c23 N69-24332 Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] c09 N71-12521	UNIFORM FLOS Procedure for generating uniform flow at warying velocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175
[NASA-CASE-INP-02340] c23 N69-24332 Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] c09 N71-12521 ULTRAVIOLET RADIATION	UNIFORM FLOS Procedure for generating uniform flow at warying velocities in wind tunnel test section [NASA-CASE-ARC-10710-1] C11 N73-27175 UDLOADING
[NASA-CASE-INP-02340] c23 N69-24332 Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] c09 N71-12521 ULTRAVIOLET RADIATION Ultraviolet radiation resistant alkali-metal	UNIFORM FLOS Procedure for generating uniform flow at warying welocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175 UDIOADING Bootstrap unloading circuits for sampling
[NASA-CASE-INP-02340] c23 N69-24332 Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] c09 N71-12521 ULTRAVIOLET RADIATION Ultraviolet radiation resistant alkali-metal silicate coatings for temperature control of	UNIFORM FLOS Procedure for generating uniform flow at warying welocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175 UNIOADING Bootstrap unloading circuits for sampling transducer woltage sources without drawing
[NASA-CASE-INP-02340] c23 N69-24332 Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] c09 N71-12521 ULTRAVIOLET RADIATION Ultraviolet radiation resistant alkali-metal silicate coatings for temperature control of spacecraft	UNIFORM FLOS Procedure for generating uniform flow at warying velocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175 UNLOADING Bootstrap unloading circuits for sampling transducer voltage sources without drawing current
[NASA-CASE-INP-02340] c23 N69-24332 Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] c09 N71-12521 ULTRAVIOLET RADIATION Ultraviolet radiation resistant alkali-metal silicate coatings for temperature control of spacecraft [NASA-CASE-XGS-04119] c18 N69-39979	UNIFORM FLOS Procedure for generating uniform flow at warying velocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175 UNICOADING Bootstrap unloading circuits for sampling transducer voltage sources without drawing current [NASA-CASE-XNP-09768] c09 N71-12516
[NASA-CASE-INP-02340] c23 N69-24332 Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] c09 N71-12521 ULTRAVIOLET RADIATION Ultraviolet radiation resistant alkali-metal silicate coatings for temperature control of spacecraft [NASA-CASE-XGS-04119] c18 N69-39979 Development of ultraviolet resonance lamp with	UNIFORM FLOS Procedure for generating uniform flow at warying welocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175 UNICOADING Bootstrap unloading circuits for sampling transducer woltage sources without drawing current [NASA-CASE-XNP-09768] c09 N71-12516 UNHARMED SPACECRAPT
[NASA-CASE-INP-02340] c23 N69-24332 Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] c09 N71-12521 ULTRAVIOLET RADIATION Ultraviolet radiation resistant alkali-metal silicate coatings for temperature control of spacecraft [NASA-CASE-XGS-04119] c18 N69-39979 Development of ultraviolet resonance lamp with improved transmission of radiation	UNIFORM FIGH Procedure for generating uniform flow at warying welocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175 UNIOADING Bootstrap unloading circuits for sampling transducer woltage sources without drawing current [NASA-CASE-XNP-09768] c09 N71-12516 UNHABBED SPACECAPT Device which separates and screens particles of
[NASA-CASE-INP-02340]	Procedure for generating uniform flow at warying velocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175 UNIOADING Bootstrap unloading circuits for sampling transducer voltage sources without drawing current [NASA-CASE-XNP-09768] c09 N71-12516 UNHARMED SPACECRAPT Device which separates and screens particles of soil samples for widicon viewing in vacuum and
[NASA-CASE-INP-02340] c23 N69-24332 Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] c09 N71-12521 ULTRAVIOLET RADIATION Ultraviolet radiation resistant alkali-metal silicate coatings for temperature control of spacecraft [NASA-CASE-XGS-04119] c18 N69-39979 Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] c09 N71-12521 Gas leak detection in evacuated systems using	Procedure for generating uniform flow at warying velocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175 UDLOADING Bootstrap unloading circuits for sampling transducer voltage sources without drawing current [NASA-CASE-XNP-09768] c09 N71-12516 UDHANNED SPACECRAPT Device which separates and screens particles of soil samples for widicon viewing in vacuum and reduced gravity environments
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[NASA-CASE-INP-02340]	Procedure for generating uniform flow at warying velocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175 UNLOADING Bootstrap unloading circuits for sampling transducer voltage sources without drawing current [NASA-CASE-XNP-09768] c09 N71-12516 UNHABMED SPACECRAPT Device which separates and screens particles of soil samples for widicon viewing in vacuum and reduced gravity environments [NASA-CASE-XNP-09770-3] c11 N71-27036 UPPER ATMOSPHERE Telespectrograph for analyzing upper atmosphere
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[NASA-CASE-INP-02340]	Procedure for generating uniform flow at varying velocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175 UBLOADING Bootstrap unloading circuits for sampling transducer voltage sources without drawing current [NASA-CASE-XNP-09768] c09 N71-72516 UBHANDED SPACKGAPT Device which separates and screens particles of soil samples for widicon viewing in vacuum and reduced gravity environments [NASA-CASE-XNP-09770-3] c11 N71-27036 UPPER ATMOSPHERE Telespectrograph for analyzing upper atmosphere by tracking bodies reentering atmosphere at high velocities
[NASA-CASE-INP-02340] c23 N69-24332 Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] c09 N71-12521 ULTRAVIOLET RADIATION Ultraviolet radiation resistant alkali-metal silicate coatings for temperature control of spacecraft [NASA-CASE-XGS-04119] c18 N69-39979 Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] c09 N71-12521 Gas leak detection in evacuated systems using ultraviolet radiation probe [NASA-CASE-ERC-10034] c15 N71-24896 Phototropic composition of matter with sensitivity to ultraviolet light and usable for producing positive photographic images [NASA-CASE-XGS-03736] c14 N72-22443 Light shield and cooling apparatus for high	Procedure for generating uniform flow at varying velocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175 UNIOADING Bootstrap unloading circuits for sampling transducer voltage sources without drawing current [NASA-CASE-XNP-09768] c09 N71-12516 UNHABUED SPACECRAPT Device which separates and screens particles of soil samples for vidicon viewing in vacuum and reduced gravity environments [NASA-CASE-XNP-09770-3] c11 N71-27036 UPPER ATMOSPHERE Telespectrograph for analyzing upper atmosphere by tracking bodies reentering atmosphere at high velocities [NASA-CASE-XLA-03273] c14 N71-18699
[NASA-CASE-INP-02340] c23 N69-24332 Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] c09 N71-12521 ULTRAVIOLET RADIATION Ultraviolet radiation resistant alkali-metal silicate coatings for temperature control of spacecraft [NASA-CASE-XGS-04119] c18 N69-39979 Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] c09 N71-12521 Gas leak detection in evacuated systems using ultraviolet radiation probe [NASA-CASE-BRC-10034] c15 N71-24896 [NASA-CASE-BRC-10034] c15 N71-24896 Phototropic composition of matter with sensitivity to ultraviolet light and usable for producing positive photographic images [NASA-CASE-XGS-03736] c14 N72-22443 Light shield and cooling apparatus for high intensity ultraviolet lamps	Procedure for generating uniform flow at varying velocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175 UBLOADING Bootstrap unloading circuits for sampling transducer voltage sources without drawing current [NASA-CASE-XNP-09768] c09 N71-12516 UBHANDED SPACECRAPT Device which separates and screens particles of soil samples for widicon viewing in wacuum and reduced grawity environments [NASA-CASE-XNP-09770-3] c11 N71-27036 UPPER ATMOSPHERE Telespectrograph for analyzing upper atmosphere by tracking bodies reentering atmosphere at high velocities [NASA-CASE-XLA-03273] c14 N71-18699 Development and operation of apparatus for
[NASA-CASE-INP-02340] c23 N69-24332 Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] c09 N71-12521 ULTRAVIOLET RADIATION Ultraviolet radiation resistant alkali-metal silicate coatings for temperature control of spacecraft [NASA-CASE-XGS-04119] c18 N69-39979 Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] c09 N71-12521 Gas leak detection in evacuated systems using ultraviolet radiation probe [NASA-CASE-ERC-10034] c15 N71-24896 Phototropic composition of matter with sensitivity to ultraviolet light and usable for producing positive photographic images [NASA-CASE-XGS-03736] c14 N72-22443 Light shield and cooling apparatus for high intensity ultraviolet lamps [NASA-CASE-LAR-10089-1] c15 N73-13474	Procedure for generating uniform flow at varying velocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175 UNIOADING Bootstrap unloading circuits for sampling transducer voltage sources without drawing current [NASA-CASE-XNP-09768] c09 N71-12516 UNHABUED SPACECRAPT Device which separates and screens particles of soil samples for vidicon viewing in vacuum and reduced gravity environments [NASA-CASE-XNP-09770-3] c11 N71-27036 UPPER ATMOSPHERE Telespectrograph for analyzing upper atmosphere by tracking bodies reentering atmosphere at high velocities [NASA-CASE-XLA-03273] c14 N71-18699
[NASA-CASE-INP-02340]	Procedure for generating uniform flow at varying velocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175 UNIOADING Bootstrap unloading circuits for sampling transducer voltage sources without drawing current [NASA-CASE-XNP-09768] c09 N71-12516 UNHABMED SPACECRAPT Device which separates and screens particles of soil samples for vidicon viewing in vacuum and reduced gravity environments [NASA-CASE-XNP-09770-3] c11 N71-27036 UPPER ATMOSPHERE Telespectrograph for analyzing upper atmosphere by tracking bodies reentering atmosphere at high velocities [NASA-CASE-XLA-03273] c14 N71-18699 Development and operation of apparatus for sampling particulates in gases in upper atmosphere [NASA-CASE-HQN-10037-1] c14 N73-27376
[NASA-CASE-INP-02340]	Procedure for generating uniform flow at varying velocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175 UBLOADING Bootstrap unloading circuits for sampling transducer voltage sources without drawing current [NASA-CASE-XNP-09768] c09 N71-12516 UBHANDED SPACECRAPT Device which separates and screens particles of soil samples for vidicon viewing in vacuum and reduced gravity environments [NASA-CASE-XNP-09770-3] c11 N71-27036 UPPER ATMOSPHERE Telespectrograph for analyzing upper atmosphere by tracking bodies reentering atmosphere at high velocities [NASA-CASE-XLA-03273] c14 N71-18699 Development and operation of apparatus for sampling particulates in gases in upper atmosphere
[NASA-CASE-INP-02340]	Procedure for generating uniform flow at warying welocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175 UBLOADING Bootstrap unloading circuits for sampling transducer woltage sources without drawing current [NASA-CASE-XNP-09768] c09 N71-12516 UHHANDED SPACECRAPT Device which separates and screens particles of soil samples for vidicon viewing in wacuum and reduced gravity environments [NASA-CASE-XNP-09770-3] c11 N71-27036 UPPER ATMOSPHERE Telespectrograph for analyzing upper atmosphere by tracking bodies reentering atmosphere at high velocities [NASA-CASE-ILA-03273] c14 N71-18699 Development and operation of apparatus for sampling particulates in gases in upper atmosphere [NASA-CASE-HQN-10037-1] c14 N73-27376 UNIDALYSIS Automated fluid chemical analyzer for
[NASA-CASE-INP-02340]	Procedure for generating uniform flow at varying velocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175 UBLOADING Bootstrap unloading circuits for sampling transducer voltage sources without drawing current [NASA-CASE-XNP-09768] c09 N71-12516 UBHANDED SPACECRAPT Device which separates and screens particles of soil samples for vidicon viewing in vacuum and reduced gravity environments [NASA-CASE-XNP-09770-3] c11 N71-27036 UPPER ATBOSPHERE Telespectrograph for analyzing upper atmosphere by tracking bodies reentering atmosphere at high velocities [NASA-CASE-XLA-03273] c14 N71-18699 Development and operation of apparatus for sampling particulates in gases in upper atmosphere [NASA-CASE-HQN-10037-1] c14 N73-27376 URIDALYSIS Automated fluid chemical analyzer for microchemical analysis of small quantities of
[NASA-CASE-INP-02340] c23 N69-24332 Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] c09 N71-12521 ULTRAVIOLET RADIATION Ultraviolet radiation resistant alkali-metal silicate coatings for temperature control of spacecraft [NASA-CASE-KGS-04119] c18 N69-39979 Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] c09 N71-12521 Gas leak detection in evacuated systems using ultraviolet radiation probe [NASA-CASE-ERC-10034] c15 N71-24896 Phototropic composition of matter with sensitivity to ultraviolet light and usable for producing positive photographic images [NASA-CASE-XGS-03736] c14 N72-22443 Light shield and cooling apparatus for high intensity ultraviolet lamps [NASA-CASE-LAR-10089-1] c15 N73-13474 Ultraviolet radiation detector in presence of proton radiation using sensor tubes within shielding mechanism [NASA-CASE-HFS-21577-1] c03 N73-20042 Transmitting and reflecting diffuser	Procedure for generating uniform flow at varying velocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175 UBLOADING Bootstrap unloading circuits for sampling transducer voltage sources without drawing current [NASA-CASE-XNP-09768] c09 N71-12516 UBHANDED SPACECRAPT Device which separates and screens particles of soil samples for vidicon viewing in vacuum and reduced gravity environments [NASA-CASE-XNP-09770-3] c11 N71-27036 UPPER ATMOSPHERE Telespectrograph for analyzing upper atmosphere by tracking bodies reentering atmosphere at high velocities [NASA-CASE-XLA-03273] c14 N71-18699 Development and operation of apparatus for sampling particulates in gases in upper atmosphere [NASA-CASE-HGN-10037-1] c14 N73-27376 UNIDALYSIS Automated fluid chemical analyzer for microchemical analysis of small quantities of liquids by use of selected reagents and
[NASA-CASE-INP-02340] Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] ULTRAVIOLET RADIATION Ultraviolet radiation resistant alkali-metal silicate coatings for temperature control of spacecraft [NASA-CASE-XGS-04119] Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] C09 N71-12521 Gas leak detection in evacuated systems using ultraviolet radiation probe [NASA-CASE-ERC-10034] Phototropic composition of matter with sensitivity to ultraviolet light and usable for producing positive photographic images [NASA-CASE-XGS-03736] Light shield and cooling apparatus for high intensity ultraviolet lamps [NASA-CASE-LAR-10089-1] Ultraviolet radiation detector in presence of proton radiation using sensor tubes within shielding mechanism [NASA-CASE-HFS-21577-1] UNASA-CASE-LAR-10385-3] C23 N73-32538	Procedure for generating uniform flow at varying velocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175 UBLOADING Bootstrap unloading circuits for sampling transducer voltage sources without drawing current [NASA-CASE-XNP-09768] c09 N71-12516 UBHANDED SPACECRAPT Device which separates and screens particles of soil samples for widicon viewing in vacuum and reduced gravity environments [NASA-CASE-XNP-09770-3] c11 N71-27036 UPPER ATMOSPHERE Telespectrograph for analyzing upper atmosphere by tracking bodies reentering atmosphere at high velocities [NASA-CASE-XLA-03273] c14 N71-18699 Development and operation of apparatus for sampling particulates in gases in upper atmosphere [NASA-CASE-HAN-1037-1] c14 N73-27376 URIDALYSIS Automated fluid chemical analyzer for microchemical analyzer of small quantities of liquids by use of selected reagents and analyzer units
[NASA-CASE-INP-02340] Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] ULTRAVIOLET RADIATION Ultraviolet radiation resistant alkali-metal silicate coatings for temperature control of spacecraft [NASA-CASE-XGS-04119] Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] Gas leak detection in evacuated systems using ultraviolet radiation probe [NASA-CASE-ERC-10034] Phototropic composition of matter with sensitivity to ultraviolet light and usable for producing positive photographic images [NASA-CASE-XGS-03736] Light shield and cooling apparatus for high intensity ultraviolet lamps [NASA-CASE-LAR-10089-1] Ultraviolet radiation detector in presence of proton radiation using sensor tubes within shielding mechanism [NASA-CASE-LAR-10365-3] UNSA-CASE-LAR-10365-3] C23 N73-32538 Transmitting and reflecting diffuser for	Procedure for generating uniform flow at varying velocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175 UBLOADING Bootstrap unloading circuits for sampling transducer voltage sources without drawing current [NASA-CASE-XNP-09768] c09 N71-12516 UBHANDED SPACECRAPT Device which separates and screens particles of soil samples for widicon viewing in wacuum and reduced grawity environments [NASA-CASE-XNP-09770-3] c11 N71-27036 UPPER ATBOSPHERE Telespectrograph for analyzing upper atmosphere by tracking bodies reentering atmosphere at high velocities [NASA-CASE-XLA-03273] c14 N71-18699 Development and operation of apparatus for sampling particulates in gases in upper atmosphere [NASA-CASE-HQN-10037-1] c14 N73-27376 URIDALYSIS Automated fluid chemical analyzer for microchemical analysis of small quantities of liquids by use of selected reagents and analyzer units [NASA-CASE-XNP-09451] c06 N71-26754
[NASA-CASE-INP-02340] Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] ULTRAVIOLET RADIATION ULTRAVIOLET RADIATION ULTRAVIOLET RADIATION C18 N69-39979 Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-XGS-04119] C18 N69-39979 Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] Gas leak detection in evacuated systems using ultraviolet radiation probe [NASA-CASE-ERC-10034] Phototropic composition of matter with sensitivity to ultraviolet light and usable for producing positive photographic images [NASA-CASE-XGS-03736] Light shield and cooling apparatus for high intensity ultraviolet lamps [NASA-CASE-LAR-10089-1] ULTRAVIOLET RADIATION PROPERTY OF TABLET RADIATI	Procedure for generating uniform flow at varying velocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175 UBLOADING Bootstrap unloading circuits for sampling transducer voltage sources without drawing current [NASA-CASE-XNP-09768] c09 N71-12516 UBHANDED SPACECRAPT Device which separates and screens particles of soil samples for vidicon viewing in vacuum and reduced gravity environments [NASA-CASE-XNP-09770-3] c11 N71-27036 UPPER ATMOSPHERE Telespectrograph for analyzing upper atmosphere by tracking bodies reentering atmosphere at high velocities [NASA-CASE-XLA-03273] c14 N71-18699 Development and operation of apparatus for sampling particulates in gases in upper atmosphere [NASA-CASE-HQN-10037-1] c14 N73-27376 URIDALYSIS Automated fluid chemical analyzer for microchemical analysis of small quantities of liquids by use of selected reagents and analyzer units [NASA-CASE-XNP-09451] c06 N71-26754 Enzypatic luminescent bioassay method for
[NASA-CASE-INP-02340] Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] Ultraviolet radiation resistant alkali-metal silicate coatings for temperature control of spacecraft [NASA-CASE-ARC-04119] Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] C09 N71-12521 Gas leak detection in evacuated systems using ultraviolet radiation probe [NASA-CASE-ARC-10034] Phototropic composition of matter with sensitivity to ultraviolet light and usable for producing positive photographic images [NASA-CASE-XGS-03736] Light shield and cooling apparatus for high intensity ultraviolet lamps [NASA-CASE-LAR-10089-1] Ultraviolet radiation detector in presence of proton radiation using sensor tubes within shielding mechanism [NASA-CASE-LAR-10385-3] Transmitting and reflecting diffuser [NASA-CASE-LAR-10385-3] Transmitting and reflecting diffuser	Procedure for generating uniform flow at varying velocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175 UNIOADING Bootstrap unloading circuits for sampling transducer voltage sources without drawing current [NASA-CASE-XNP-09768] c09 N71-12516 UNHAMBED SPACECRAPT Device which separates and screens particles of soil samples for vidicon viewing in vacuum and reduced gravity environments [NASA-CASE-XNP-09770-3] c11 N71-27036 UPPER ATMOSPHERE Telespectrograph for analyzing upper atmosphere by tracking bodies reentering atmosphere at high velocities [NASA-CASE-XLA-03273] c14 N71-18699 Development and operation of apparatus for sampling particulates in gases in upper atmosphere [NASA-CASE-HLA-03273] c14 N73-27376 UNIDALYSIS Automated fluid chemical analyzer for microchemical analysis of small quantities of liquids by use of selected reagents and analyzer units [NASA-CASE-XNP-09451] c06 N71-26754 Enzypatic luminescent bioassay method for determining bacterial levels in urine
[NASA-CASE-INP-02340] Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] ULTRAVIOLET RADIATION Ultraviolet radiation resistant alkali-metal silicate coatings for temperature control of spacecraft [NASA-CASE-XGS-04119] Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] Gas leak detection in evacuated systems using ultraviolet radiation probe [NASA-CASE-ERC-10034] Phototropic composition of matter with sensitivity to ultraviolet light and usable for producing positive photographic images [NASA-CASE-XGS-03736] Light shield and cooling apparatus for high intensity ultraviolet lamps [NASA-CASE-LAR-10089-1] Ultraviolet radiation detector in presence of proton radiation using sensor tubes within shielding mechanism [NASA-CASE-LAR-10365-2] Transmitting and reflecting diffuser [NASA-CASE-LAR-10365-2] Ultraviolet light [NASA-CASE-LAR-10365-2] Ultraviolet and thermally stable polymer	Procedure for generating uniform flow at varying velocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175 UBLOADING Bootstrap unloading circuits for sampling transducer voltage sources without drawing current [NASA-CASE-XNP-09768] c09 N71-12516 UNHANNED SPACECRAPT Device which separates and screens particles of soil samples for vidicon viewing in vacuum and reduced gravity environments [NASA-CASE-XNP-09770-3] c11 N71-27036 UPPER ATMOSPHERE Telespectrograph for analyzing upper atmosphere by tracking bodies reentering atmosphere at high velocities [NASA-CASE-XLA-03273] c14 N71-18699 Development and operation of apparatus for sampling particulates in gases in upper atmosphere [NASA-CASE-HLA-0307-1] c14 N73-27376 URIDALYSIS Automated fluid chemical analyzer for microchemical analysis of small quantities of liquids by use of selected reagents and analyzer units [NASA-CASE-XNP-09451] c06 N71-26754 Enzymatic luminescent bioassay method for determining bacterial levels in urine [NASA-CASE-GSC-11092-2] c04 N73-27052
[NASA-CASE-INP-02340] Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] Ultraviolet radiation resistant alkali-metal silicate coatings for temperature control of spacecraft [NASA-CASE-ARC-04119] Development of ultraviolet resonance lamp with improved transmission of radiation [NASA-CASE-ARC-10030] C09 N71-12521 Gas leak detection in evacuated systems using ultraviolet radiation probe [NASA-CASE-ARC-10034] Phototropic composition of matter with sensitivity to ultraviolet light and usable for producing positive photographic images [NASA-CASE-XGS-03736] Light shield and cooling apparatus for high intensity ultraviolet lamps [NASA-CASE-LAR-10089-1] Ultraviolet radiation detector in presence of proton radiation using sensor tubes within shielding mechanism [NASA-CASE-LAR-10385-3] Transmitting and reflecting diffuser [NASA-CASE-LAR-10385-3] Transmitting and reflecting diffuser	Procedure for generating uniform flow at varying velocities in wind tunnel test section [NASA-CASE-ARC-10710-1] c11 N73-27175 UBLOADING Bootstrap unloading circuits for sampling transducer voltage sources without drawing current [NASA-CASE-XNP-09768] c09 N71-12516 UBHABBED SPACECRAFT Device which separates and screens particles of soil samples for vidicon viewing in vacuum and reduced gravity environments [NASA-CASE-XNP-09770-3] c11 N71-27036 UPPER ATMOSPHERE Telespectrograph for analyzing upper atmosphere by tracking bodies reentering atmosphere at high velocities [NASA-CASE-XLA-03273] c14 N71-18699 Development and operation of apparatus for sampling particulates in gases in upper atmosphere [NASA-CASE-HQN-10037-1] c14 N73-27376 URIDALISIS Automated fluid chemical analyzer for microchemical analysis of small quantities of liquids by use of selected reagents and analyzer units [NASA-CASE-XNP-09451] c06 N71-26754 Enzymatic luminescent bioassay method for determining bacterial levels in urine

[NASA-CASE-GSC-11169-2] c05 N73-32011	[NASA-CASE-XMF-01667] c15 N71-17647
THE TRANSPORT	Spatter proof evaporant source design for use in
Open type urine receptacle with tubular housing	vacuum deposition of solid thin films on
[NASA-CASE-MSC-12324-1] C05 N72-22093	substrates [NASA-CASE-IMF-06065] c15 N71-20395
V	Device for high vacuum film deposition with
Y	electromagnetic ion steering
V GROOVES	[NASA-CASE-NPO-10331] CO9 N71-26701
Vee-notching device with adjustable carriage	VACUUM FURNACES
[NASA-CASÉ-MFS-20730-1] c14 N74-13131	Air lock mechanism for inserting and removing
vacnik	specimens from vacuum furnace
Hole mobility of deposited semiconductor films	[NASA-CASE-LAR-10841-1] c15 N73-12494 VACUUM GAGES
in vacuum utilizing thermal gradient	Simulating operation of thermopile vacuum gage
[NASA-CASE-XKS-04614] c15 N69-21460 Operating properties of superconducting magnet	tube at high and low pressures
in vacuum environment	[NASA-CASE-XLA-02758] c14 N71-18481
[NASA-CASE-INP-06503] c23 N71-29049	Calibration of vacuum gauges for measuring total
VACOUM APPARATUS	and partial pressures in ultrahigh vacuum region
Null-type vacuum microbalance for measuring	[NASA-CASE-XGS-07752] c14 N73-30390
minute mechanical displacements	Ionization gage for measuring ultrahigh vacuum
[NASA-CASE-XAC-00472] c15 N70-40180	levels
Sealing evacuation port and evacuating vacuum	[NASA-CASE-XLA-05087] c14 N73-30391 Insitu transfer standard for utlrahigh wacuum
container such as space jackets [NASA-CASE-XMF-03290] c15 N71-23256	gage calibration
[NASA-CASE-XMF-03290] c15 N71-23256 Apparatus for determining volatile condensable	[NASA-CASE-LAR-10862-1] c14 N74-15092
material present in polymeric products	VACUUM HELTIEG
[NASA-CASE-XNP-09699] C06 N71-24607	Electric furnace for vacuum and zero gravity
oil trap for preventing diffusion pump	melting of high melting point materials during
backstreaming into evacuated system	earth orbit
[NASA-CASE-GSC-10518-1] c15 N72-22489	[NASA-CASE-MPS-20710] c11 N72-23215
Inductance device with vacuum insulation and	VACUUM SYSTEMS Shrink-fit vacuum system gas valve
materials of low gas entrapping capability [Nasa-Case-Lew-10330-1] c09 N72-27226	[NASA-CASE-XGS-00587] c15 N70-35087
[NASA-CASE-LEW-10330-1] c09 N72-27226 Development of apparatus for producing metal	Leakproof soft metal seal for use in very high
powder particles of controlled size	vacuum systems operating at cryogenic
[NASA-CASE-ILE-06461-2] c17 N72-28535	temperatures
Portable vacuum probe surface sampler for	[NASA-CASE-XGS-02441] c15 N70-41629
sampling large surface areas with relatively	Describing hot filament type Bayard-Alpert
light loading densities of microorganisms	ionization gage with ion collector buried or
[NASA-CASE-LAR-10623-1]	removed from grid structure [NASA-CASE-XLA-07424] c14 N71-18482
Electrostatic entrained material measurement system comprising vacuum source and tube	Describing sorption vacuum trap having housing
[NASA-CASE-MFS-22128-2] C14 N74-18098	with group of reentrant wall portions
Fiber separating and cleaning method and apparatus	projecting into internal gas-pervious
[NASA-CASE-LAR-11224-1] c15 N74-20072	container filled with gas and vapor sorbent
VACOUM CHAMBERS	material
High-wacuum condenser tank for testing ion	[NASA-CASE-XER-09519] c14 N71-18483
rocket engines [NASA-CASE-XLE-00168]	High impact pressure regulator having minimum
Portable electron beam welding chamber	number of lightweight movable elements
[NASA-CASE-LEW-11531] c15 N71-14932	[NASA-CASE-NPO-10175] c14 N71-18625
Space environmental work simulator with portions	VALVES
of space suit mounted to vacuum chamber wall	Actuator using compressed gas as driving force
[NASA-CASE-XMF-07488] c11 N71-18773	to control valve handling large liquid flows [NASA-CASE-XHO-01208] c15 N70-35409
Ionization control system design for monitoring	[NASA-CASE-XHQ-01208] c15 N70-35409 Two component walve assembly for cryogenic
separately located ion gage pressures on vacuum chambers	liquid transfer regulation
[NASA-CASE-XLE-00787] c14 N71-21090	[NASA-CASE-XLE-00397] c15 N70-36492
Coherent light beam device and method for	High pressure four-way valve with 0 ring adapted
measuring gas density in vacuum chambers	to pass across inlet port
[NASA-CASE-XER-11203] c14 N71-28994	[NASA-CASE-INP-00214] c15 N70-36908
Transferring liquid nitrogen through vacuum	Reinforcing beam system for highly flexible
chamber to cryopanel	diaphragms in valves or pressure switches [NASA-CASE-INP-01962] c32 N70-41370
[NASA-CASE-LAR-10031] c15 N72-22484 Vacuum chamber with scale model of rocket engine	Multiple wortex amplifier system as fluid valve
base area of space vehicle	[NASA-CASE-XMF-04709] c15 N71-15609
[NASA-CASE-MFS-20620] c11 N72-27262	Throttle valve for regulating fluid flow volume
Packless valve for use with evacuation chamber	[NASA-CASE-XNP-09698] c15 N71-18580
with adapter for attachment to vacuum line and	Development and characteristics of high pressure
Ascara bamb	control valve
[NASA-CASE-LAR-10061-1] c15 N72-31483	[NASA-CASE-MSC-11010] c15 N71-19485 Valve seat with resilient support ring for
Apparatus for analyzing gas samples in containers including vacuum chamber, mass	venting valves subjected to high pressure
spectrometer, and gas chromatography	sealing loads
[NASA-CASE-GSC-10903-1] c14 N73-12444	[NASA-CASE-XKS-02582] C15 N71-21234
Design and development of radiometer to observe	Positive locking check valve for stopping
steady state radiation in vacuum environment	reversed flow
[NASA-CASE-MFS-21108-1] c14 N73-12455	[NASA-CASE-XMS-09310] c15 N71-22706
Design and development of test stand system for	Valve assembly for controlling simultaneously more than one fluid flow, and having stable
supporting test items in vacuum chamber	
[NASA=CASR=MFS=213621	
[NASA-CASE-MFS-21362] c11 N73-20267 VACUUM DEPOSITION	qualities under loads
	qualities under loads [NASA-CASE-XMS-05890] c09 N71-23191 Segmented sealing surface in valve seat
VACUUE DEPOSITION	qualities under loads [NASA-CASE-XMS-05890] c09 N71-23191 Segmented sealing surface in valve seat [NASA-CASE-NPO-10606] c15 N72-25451
VACUUM DEPOSITION Deposition method for epitaxial heta SiC films having high degree of crystallographic perfection	qualities under loads [NASA-CASE-XMS-05890] Segmented sealing surface in valve seat [NASA-CASE-NPO-10606] c15 N72-25451 Packless valve for use with evacuation chamber
VACUUM DEPOSITION Deposition method for epitaxial heta SiC films having high degree of crystallographic perfection [NASA-CASE-ERC-10120] c26 N69-33482	qualities under loads [NASA-CASE-XMS-05890] Segmented sealing surface in valve seat [NASA-CASE-NPO-10606] c15 N72-25451 Packless valve for use with evacuation chamber with adapter for attachment to vacuum line and
VACUUM DEPOSITION Deposition method for epitaxial beta SiC films having high degree of crystallographic perfection [NASA-CASE-ERC-10120] c26 N69-33482 Describing apparatus used in vacuum deposition	qualities under loads [NASA-CASE-XMS-05890]
VACUUM DEPOSITION Deposition method for epitaxial heta SiC films having high degree of crystallographic perfection [NASA-CASE-ERC-10120] c26 N69-33482	qualities under loads [NASA-CASE-XMS-05890] Segmented sealing surface in valve seat [NASA-CASE-NPO-10606] c15 N72-25451 Packless valve for use with evacuation chamber with adapter for attachment to vacuum line and

" Development and characteristics of combined	VARACTOR DIODE CIRCUITS
Pressure regulator and shutoff valve with	Phase modulator with tuned variable length
variable pressure response characteristics [NASA-CASE-NPO-13201-1] c15 N73-26474	electrical lines including coupling and varactor diode circuits
Ultrasonically bonded valve assembly	[NASA-CASE-HSC-13201-1] c07 N71-28429
[NASA-CASE-NPO-13360-1] c15 N74-20073	VARACTOR DIODES
Flow control valve for high temperature fluids [NASA-CASE-NPO-11951-1] c15 N74-21065	Variactor microwave frequency mixing circuit [NASA-CASE-XGS-02171] c09 N69-24324
ANRS	[NASA-CASE-XGS-02171] c09 N69-24324 Hultiple varactor for generating high
Design and characteristics of device for sensing	frequencies with high power and high
solar radiation and providing spacecraft	conversion efficiency
attitude control to maintain direction with respect to incident radiation	[NASA-CASE-XHF-04958-1] c10 N71-26414 Hillineter wave pumped parametric amplifier
[NASA-CASE-XNP-05535] c14 N71-23040	varactor diode mounting structure
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[NASA-CASE-NPO-11418-1] c14 N73-13420	ratio variability for high and low speed flight
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in poor visibility conditions	vibration mode patterns used to identify vibration mode data
[NASA-CASE-XLA-00487] C14 N70-40157 EBTICAL LANDING	[NASA-CASE-LAR-10310-1] c10 N73-20253
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Mechanical stabilization system for VIOL aircraft [NASA-CASE-XLA-06339] c02 N71-13422	[NASA-CASE-GSC-11302-1] c14 N73-13416 VIBRATION TESTS
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tests comprising integral annular unit	[NASA-CASB-NPO-11387] c14 N73-14429
[NASA-CASE-MPS-20523] c14 N72-27412 Equipment for vibration testing of assemblies,	Viscoelastic shock absorbing mount for
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LNASA-CASE-GSC-11302-11 c14 N73-13416	[NASA-CASE-NPO-13253-1] c15 N73-31445 VISCOMETERS
Multiaxes vibration device for making vibration	Describing instrument capable of measuring true
tests along orthogonal ares of test specimen	shear viscosity of liquids and viscoelastic
[NASA-CASE-MFS-20242] c14 N73-19421 VIBRATIONAL SPECTRA	materials
Tuned damped vibration absorber for mass	[NASA-CASE-XNP-09462] c14 N71-17584
wibrating in more than one degree of freedom	Development and characteristics of parallel plate viscometer for determination of absolute
for use with wind tunnel models	viscosity of liquids and viscoelastic materials
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communication systems including video information	propellant for use under zero gravity conditions
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[NASA-CASE-INP-02791] c07 N71-23026 Teletypewriter wideo communication system and	Design and operation of viscous pendulum damper
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[NASA-CASE-XMP-06611] c07 N71-26102	bending vibration induced by wind effects
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[NASA-CASE-XNP-01472] c14 N70-41807 Transient wideo signal tape recorder with	visibility conditions in training pilots in
expanded playback	instrument landing and flight procedures [NASA-CASE-XPR-04147] c11 N71-10748
[NASA-CASE-ARC-10003-1] c09 N71-25866	[RASA-CASE-XFR-04147] c11 N71-10748 Detergent with glyceryl esthers and oil as
Restoration and improvement of demodulated	protective coating to prevent fogging of space
facsimile video signals	suit visor
[NASA-CASE-GSC-10185-1] c07 N72-12081	[NASA-CASE-MSC-13530-2] c06 N73-11107
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Video sync processor with phase locked system	determining visual field sensitivity and blind
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[NASA-CASE-XNP-06611] c07 N71-26102	VISUAL OBSERVATION Optical vision testing unit for testing eyes and
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[NASA-CASE-NPO-10343] CO7 N71-27341 Circuitry for high input impedance video	High pressure liquid flow sight assembly for
processor with high noise immunity	wide temperature range applications including cryogenic fluids
[NASA-CASE-NPO-10199] c09 N72-17156	[BASA-CASE-XLE-02998] c14 N70-42074
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[NASA-CASE-KSC-10003] c10 N73-13235 Video tape recorder with scan conversion	stimuli
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[NASA-CASE-NPO-10166-1] c07 N73-22076	Position locating system for remote aircraft
VIDICONS	using voice communication and digital signals
Operation of vidicon tube for scanning spatial	[NASA-CASE-GSC-10087-2] c21 N71-13958
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[NASA-CASE-INP-06028] c09 N71-23189 Device which separates and screens particles of	multiplexed voice transmission
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Hethod of producing output voltage from	Procedure for repairing and recovering voice
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[NASA-CASE-NPO-10373] c03 N71~18698	[WASA-CASE-MSC-14219-1] c07 N73-16132
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Preparation of dicyanoacetylene and winylidene	material present in polymeric products
copolymers using organic compounds	[NASA-CASE-XNP-09699] c06 N71-24607
[NASA-CASE-INP-03250] CO6 N71-23500 VISCOELASTICITY	FOLT-AMPERE CHARACTERISTICS
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for determining viscoelastic properties of polymers	Simulating voltage-current characteristic curves of solar cell panel with different operational parameters [NASA-CASE-XMS-01554] c10 N71-10576
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[NASA-CASE-XMS-00945] c09 N71-10798	Voltage monitoring system for remote application
postates unloading circuits for sampling	[NASA-CASE-KSC-10736-1] c09 N73-23290
transducer voltage sources without drawing	Control circuit for reducing bias voltage and
current	radiation sensitivity of photomultiplier
[NASA-CASE-XNP-09768] c09 N71-12516	[NASA-CASE-ARC-10593-1] c09 N73;30187
RC networks with voltage amplifier, RC input	Regulated dc-to-dc converter for voltage step-up
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[NASA-CASE-ARC-10020] c10 N72-17172	[NASA-CASE-HQN-10792-1] c09 N74-11049
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variable gain amplifier	[NASA-CASE-ARC-10197-1] CO9 N74-17929
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[NASA-CASK-NPO-11010] COO WIL ZIZOO	Voltage monitoring system for remote application
OLTAGE CONVERTERS (DC TO DC) Regulated dc-to-dc converter for voltage step-up	[NASA-CASE-KSC-10736-1] c09 N73-23290
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Finaca_casp_son=10792=11 co9 N74-11049	Venting device for pressurized space suit helmet
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generators for implanting in animals	plastics utilizing a temperature gradient
[NASA-CASE-XAC-05706] c05 N71-12342	across the plastic to cure the article
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slope voltage sweep	[NASA-CASE-LAR-10489-1] c15 N74-18124
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power converters	
[NASA-CASE-ERC-10268] c09 N72-25252	WAFERS
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Regulated do to do converter	bounded by scribe lines
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Power control switching circuit using low	WALL TEMPERATURE
voltage semiconductor controlled rectifiers	Thermocouple apparatus for measuring wall
for high voltage isolation	temperatures in regeneratively cooled rocket
[NASA-CASE-XNP-02713] c10 N69-39888	engines having thin walled cooling passages
Automatic measuring and recording of gain and	[NASA-CASE-XLE-05230-2] c14 N73-13417
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[NASA-CASE-XMS-05562-1] c09 N69-39986	[NASA-CASE-GSC-11619-1] c33 N73-32828
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	Metal ribbon wrapped outer wall for
current motor [NASA-CASE-XMS-04215-1]	regeneratively cooled combustion chamber
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independent of voltage regulator	
[NASA-CASE-XMS-01991] c09 N71-21449	relay cicuits {
High voltage divider system for attenuating high	[NASA-CASE-XMS-10984-1] C10 N71-1941/ Unsaturating magnetic core transformer design
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[NASA-CASE-XLE-02008] c09 N71-21583	processing equipment [NASA-CASE-RRC-10125] C09 N71-24893
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stage transistor	Electrical failure detector in solid rocket
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Dissipative voltage regulator system for minimizing heat dissipation [NASA-CASE-GSC-10891-1] c10 N71-26626 Power point tracker for maintaining optimal output voltage of power source [NASA-CASE-GSC-10376-1] c14 N71-27407 Microwave power divider for providing variable output power to output waveguide in fixed	[NASA-CASE-HQN-10703] c21 N73-13643 pilot warning indicator system of intruder aircraft [NASA-CASE-ERC-10226-1] c14 N73-16483 Silent alarm system for mutiple room facility or school [NASA-CASE-NPO-11307-1] c10 N73-30205 pevelopment and characteristics of electronic
Dissipative voltage regulator system for minimizing heat dissipation [NASA-CASE-GSC-10891-1] Power point tracker for maintaining optimal output voltage of power source [NASA-CASE-GSC-10376-1] C14 N71-27407 Microwave power divider for providing variable output power to output waveguide in fixed waveguide system	[NASA-CASE-HQN-10703] c21 N73-13643 pilot warning indicator system of intruder aircraft [NASA-CASE-ERC-10226-1] c14 N73-16483 Silent alarm system for mutiple room facility or school [NASA-CASE-NPO-11307-1] c10 N73-30205 Development and characteristics of electronic signalling system and data processing
Dissipative voltage regulator system for minimizing heat dissipation [NASA-CASE-GSC-10891-1] c10 N71-26626 Power point tracker for maintaining optimal output voltage of power source [NASA-CASE-GSC-10376-1] c14 N71-27407 Microwave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] c07 N71-33606	[NASA-CASE-HQN-10703] c21 N73-13643 pilot warning indicator system of intruder aircraft [NASA-CASE-ERC-10226-1] c14 N73-16483 Silent alarm system for mutiple room facility or school [NASA-CASE-NPO-11307-1] c10 N73-30205 Development and characteristics of electronic signalling system and data processing equipment for warning systems to avoid midair
Dissipative voltage regulator system for minimizing heat dissipation [NASA-CASE-GSC-10891-1] c10 N71-26626 Power point tracker for maintaining optimal output voltage of power source [NASA-CASE-GSC-10376-1] c14 N71-27407 Microwave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] c07 N71-33606 Relay controlled voltage switching unit for	[NASA-CASE-HQN-10703] c21 N73-13643 Pilot warning indicator system of intruder aircraft [NASA-CASE-ERC-10226-1] c14 N73-16483 Silent alarm system for mutiple room facility or school [NASA-CASE-NPO-11307-1] c10 N73-30205 Development and characteristics of electronic signalling system and data processing equipment for warning systems to avoid midair collisions between aircraft
Dissipative voltage regulator system for minimizing heat dissipation [NASA-CASE-GSC-10891-1] c10 N71-26626 power point tracker for maintaining optimal output voltage of power source [NASA-CASE-GSC-10376-1] c14 N71-27407 Microwave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] c07 N71-33606 Relay controlled voltage switching unit for scanning circuitry of star tracker	[NASA-CASE-HQN-10703] c21 N73-13643 Pilot warning indicator system of intruder aircraft [NASA-CASE-ERC-10226-1] c14 N73-16483 Silent alarm system for mutiple room facility or school [NASA-CASE-NPO-11307-1] c10 N73-30205 Development and characteristics of electronic signalling system and data processing equipment for warning systems to avoid midair collisions between aircraft [NASA-CASE-LAR-10717-1] c21 N73-30641
Dissipative voltage regulator system for minimizing heat dissipation [NASA-CASE-GSC-10891-1] c10 N71-26626 Power point tracker for maintaining optimal output voltage of power source [NASA-CASE-GSC-10376-1] c14 N71-27407 Hicrowave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] c07 N71-33606 Relay controlled voltage switching unit for scanning circuitry of star tracker [NASA-CASE-NPO-11253] c09 N72-17157	[NASA-CASE-HQN-10703] c21 N73-13643 pilot warning indicator system of intruder aircraft [NASA-CASE-ERC-10226-1] c14 N73-16483 Silent alarm system for mutiple room facility or school [NASA-CASE-NPO-11307-1] c10 N73-30205 Development and characteristics of electronic signalling system and data processing equipment for warning systems to avoid midair collisions between aircraft [NASA-CASE-LAR-10717-1] c21 N73-30641 Inverter ratio failure detector
Dissipative voltage regulator system for minimizing heat dissipation [NASA-CASE-GSC-10891-1] c10 N71-26626 power point tracker for maintaining optimal output voltage of power source [NASA-CASE-GSC-10376-1] c14 N71-27407 Microwave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] c07 N71-33606 Relay controlled voltage switching unit for scanning circuitry of star tracker	[NASA-CASE-HQN-10703] c21 N73-13643 Pilot warning indicator system of intruder aircraft [NASA-CASE-ERC-10226-1] c14 N73-16483 Silent alarm system for mutiple room facility or school [NASA-CASE-NPO-11307-1] c10 N73-30205 Development and characteristics of electronic signalling system and data processing equipment for warning systems to avoid midair collisions between aircraft [NASA-CASE-LAR-10717-1] c21 N73-30641
Dissipative voltage regulator system for minimizing heat dissipation [NASA-CASE-GSC-10891-1] c10 N71-26626 Power point tracker for maintaining optimal output voltage of power source [NASA-CASE-GSC-10376-1] c14 N71-27407 Hicrowave Power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] c07 N71-33606 Relay controlled voltage switching unit for scanning circuitry of star tracker [NASA-CASE-NPO-11253] c09 N72-17157 Switching type voltage regulator with relatively	[NASA-CASE-HQN-10703] c21 N73-13643 Pilot warning indicator system of intruder aircraft [NASA-CASE-ERC-10226-1] c14 N73-16483 Silent alarm system for mutiple room facility or school [NASA-CASE-NPO-11307-1] c10 N73-30205 Development and characteristics of electronic signalling system and data processing equipment for warning systems to avoid midair collisions between aircraft [NASA-CASE-LAR-10717-1] c21 N73-30641 Inverter ratio failure detector [NASA-CASE-NPO-13160-1] c14 N74-18090 WASTE DISPOSAL
Dissipative voltage regulator system for minimizing heat dissipation [NASA-CASE-GSC-10891-1] c10 N71-26626 Power point tracker for maintaining optimal output voltage of power source [NASA-CASE-GSC-10376-1] c14 N71-27407 Hicrowave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] c07 N71-33606 Relay controlled voltage switching unit for scanning circuitry of star tracker [NASA-CASE-NPO-11253] c09 N72-17157	[NASA-CASE-HQN-10703] c21 N73-13643 Pilot warning indicator system of intruder aircraft [NASA-CASE-ERC-10226-1] c14 N73-16483 Silent alarm system for mutiple room facility or school [NASA-CASE-NPO-11307-1] c10 N73-30205 Development and characteristics of electronic signalling system and data processing equipment for warning systems to avoid midair collisions between aircraft [NASA-CASE-LAR-10717-1] c21 N73-30641 Inverter ratio failure detector [NASA-CASE-NPO-13160-1] c14 N74-18090 WASTE DISPOSAL Fecal waste disposal container
Dissipative voltage regulator system for minimizing heat dissipation [NASA-CASE-GSC-10891-1] c10 N71-26626 Power point tracker for maintaining optimal output voltage of power source [NASA-CASE-GSC-10376-1] c14 N71-27407 Microwave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] c07 N71-33606 Relay controlled voltage switching unit for scanning circuitry of star tracker [NASA-CASE-NPO-11253] c09 N72-17157 Switching type voltage regulator with relatively simple circuit arrangement	[NASA-CASE-HQN-10703] c21 N73-13643 Pilot warning indicator system of intruder aircraft [NASA-CASE-ERC-10226-1] c14 N73-16483 Silent alarm system for mutiple room facility or school [NASA-CASE-NPO-11307-1] c10 N73-30205 Development and characteristics of electronic signalling system and data processing equipment for warning systems to avoid midair collisions between aircraft [NASA-CASE-LAR-10717-1] c21 N73-30641 Inverter ratio failure detector [NASA-CASE-NPO-13160-1] c14 N74-18090 WASTE DISPOSAL Fecal waste disposal container [NASA-CASE-XNS-06761] c05 N69-23192
Dissipative voltage regulator system for minimizing heat dissipation [NASA-CASE-GSC-10891-1] c10 N71-26626 Power point tracker for maintaining optimal output voltage of power source [NASA-CASE-GSC-10376-1] c14 N71-27407 Hicrowave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] c07 N71-33606 Relay controlled voltage switching unit for scanning circuitry of star tracker [NASA-CASE-NPO-11253] c09 N72-17157 Switching type voltage regulator with relatively simple circuit arrangement [NASA-CASE-LEW-11005-1] c09 N72-21243 Inductive-capacitive loops as load insensitive	[NASA-CASE-HQN-10703] c21 N73-13643 Pilot warning indicator system of intruder aircraft [NASA-CASE-ERC-10226-1] c14 N73-16483 Silent alarm system for mutiple room facility or school [NASA-CASE-NPO-11307-1] c10 N73-30205 Development and characteristics of electronic signalling system and data processing equipment for warning systems to avoid midair collisions between aircraft [NASA-CASE-LAR-10717-1] c21 N73-30641 Inverter ratio failure detector [NASA-CASE-NPO-13160-1] c14 N74-18090 WASTE DISPOSAL Fecal waste disposal container
Dissipative voltage regulator system for minimizing heat dissipation [NASA-CASE-GSC-10891-1] Power point tracker for maintaining optimal output voltage of power source [NASA-CASE-GSC-10376-1] Nicrowave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] Relay controlled voltage switching unit for scanning circuitry of star tracker [NASA-CASE-NPO-11253] Switching type voltage regulator with relatively simple circuit arrangement [NASA-CASE-LPW-11005-1] CO9 N72-21243 Inductive-capacitive loops as load insensitive power converters	[NASA-CASE-HQN-10703] c21 N73-13643 Pilot warning indicator system of intruder aircraft [NASA-CASE-ERC-10226-1] c14 N73-16483 Silent alarm system for mutiple room facility or school [NASA-CASE-NPO-11307-1] c10 N73-30205 Development and characteristics of electronic signalling system and data processing equipment for warning systems to avoid midair collisions between aircraft [NASA-CASE-LAR-10717-1] c21 N73-30641 Inverter ratio failure detector [NASA-CASE-NPO-13160-1] c14 N74-18090 WASTE DISPOSAL Fecal waste disposal container [NASA-CASE-XNS-06761] c05 N69-23192
Dissipative voltage regulator system for minimizing heat dissipation [NASA-CASE-GSC-10891-1] c10 N71-26626 Power point tracker for maintaining optimal output voltage of power source [NASA-CASE-GSC-10376-1] c14 N71-27407 Microwave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] c07 N71-33606 Relay controlled voltage switching unit for scanning circuitry of star tracker [NASA-CASE-NPO-11253] c09 N72-17157 Switching type voltage regulator with relatively simple circuit arrangement [NASA-CASE-LEW-11005-1] c09 N72-21243 Inductive-capacitive loops as load insensitive power converters [NASA-CASE-ERC-10268] c09 N72-2552	[NASA-CASE-HQN-10703] c21 N73-13643 Pilot warning indicator system of intruder aircraft [NASA-CASE-ERC-10226-1] c14 N73-16483 Silent alarm system for mutiple room facility or school [NASA-CASE-NPO-11307-1] c10 N73-30205 Development and characteristics of electronic signalling system and data processing equipment for warning systems to avoid midair collisions between aircraft [NASA-CASE-LAR-10717-1] c21 N73-30641 Inverter ratio failure detector [NASA-CASE-NPO-13160-1] c14 N74-18090 WASTE DISPOSAL Fecal waste disposal container [NASA-CASE-XNS-06761] c05 N69-23192 Airlock for waste transferal from pressurized enclosure aboard space wehicle to waste
Dissipative voltage regulator system for minimizing heat dissipation [NASA-CASE-GSC-10891-1] c10 N71-26626 Power point tracker for maintaining optimal output voltage of power source [NASA-CASE-GSC-10376-1] c14 N71-27407 Microwave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] c07 N71-33606 Relay controlled voltage switching unit for scanning circuitry of star tracker [NASA-CASE-NPO-11253] c09 N72-17157 Switching type voltage regulator with relatively simple circuit arrangement [NASA-CASE-LEW-11005-1] c09 N72-21243 Inductive-capacitive loops as load insensitive power converters [NASA-CASE-BRC-10268] c09 N72-25252 Voltage controlled phase shifter with low	[NASA-CASE-HQN-10703] c21 N73-13643 Pilot warning indicator system of intruder aircraft [NASA-CASE-ERC-10226-1] c14 N73-16483 Silent alarm system for mutiple room facility or school [NASA-CASE-NPO-11307-1] c10 N73-30205 Development and characteristics of electronic signalling system and data processing equipment for warning systems to avoid midair collisions between aircraft [NASA-CASE-LAR-10717-1] c21 N73-30641 Inverter ratio failure detector [NASA-CASE-NPO-13160-1] c14 N74-18090 WASTE DISPOSAL Fecal waste disposal container [NASA-CASE-XMS-06761] c05 N69-23192 Airlock for waste transferal from pressurized enclosure aboard space vehicle to waste receiver at negative pressure
Dissipative voltage regulator system for minimizing heat dissipation [NASA-CASE-GSC-10891-1] c10 N71-26626 Power point tracker for maintaining optimal output voltage of power source [NASA-CASE-GSC-10376-1] c14 N71-27407 Microwave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] c07 N71-33606 Relay controlled voltage switching unit for scanning circuitry of star tracker [NASA-CASE-NPO-11253] c09 N72-17157 Switching type voltage regulator with relatively simple circuit arrangement [NASA-CASE-LEW-11005-1] c09 N72-21243 Inductive-capacitive loops as load insensitive power converters [NASA-CASE-ERC-10268] c09 N72-2552	[NASA-CASE-HQN-10703] c21 N73-13643 Pilot warning indicator system of intruder aircraft [NASA-CASE-ERC-10226-1] c14 N73-16483 Silent alarm system for mutiple room facility or school [NASA-CASE-NPO-11307-1] c10 N73-30205 Development and characteristics of electronic signalling system and data processing equipment for warning systems to avoid midair collisions between aircraft [NASA-CASE-LAR-10717-1] c21 N73-30641 Inverter ratio failure detector [NASA-CASE-NPO-13160-1] c14 N74-18090 WASTE DISPOSAL Fecal waste disposal container [NASA-CASE-XMS-06761] c05 N69-23192 Airlock for waste transferal from pressurized enclosure aboard space wehicle to waste receiver at negative pressure

Pressurized tank for feeding liquid waste into	[NASA-CASE-NPO-10251] c10 N71-27365
processing equipment	Bideband generator for producing sine wave
[NASA-CASE-LAR-10365-1] c05 N72-27102 Automatic liquid collection and disposal system	quadrature and second harmonic of input signal [NASA-CASE-NPO-11133] c10 N72-20223
. LNASA-CASE-LAR-11071-11 c15 N73-18474	Application of acoustic transducers for
reduced gravity fecal collector seat and urinal	suspending object at center of chamber under
[NASA-CASE-MFS-22102-1] c05 N74-20725	near seightless conditions
Variable mater load for dissipating large	[NASA-CASE-NPO-13263-1] c15 N73-31443
amounts of electrical power during high	BAVE REFLECTION Surface defect detection by reflected microwave
/ VOltage power supply tests	radiation pattern
[NASA-CASE-XNP-05381] c09 N71-20842	[NASA-CASE-ARC-10009-1] c15 N71-17822
Gas chromatographic method for determining water	Millimeter wave antenna system for spacecraft use
in nitrogen tetroxide rocket propellant [NASA-CASE-NPO-10234] c06 N72-17094	[NASA-CASE-GSC-10949-1] CO7 N71-28965 DAVE SCATTERING
CATER FLOR	Device and method for determining X ray
Potable water dispenser	reflection efficiency, scattering properties,
[NASA-CASE-NFS-21115-1] c05 N74-12779	and surface finish of optical surfaces
BATER INJECTION	[NASA-CASE-MFS-20243] c23 N73-13662
Reentry communication by injection of water droplets into plasma layer surrounding space	######################################
vehicle	nultivibrator with output signal of constant
[NASA-CASE-XLA-01552] CO7 N71-11284	amplitude and waveform
HATER LANDING	[NASA-CASE-XGS-00131] c09 N70-38995
Parachute system for lowering manned spacecraft	Cathode ray oscilloscope for analyzing
from post-reentry to ocean landing [NASA-CASE-XLA-00195] c02 N70-38009	electrical waveforms representing amplitude
[NASA-CASE-XLA-00195] c02 N70-38009 Spacecraft design with single point aerodynamic	distribution of time function [NASA-CASE-XNP-01383] c09 N71-10659
and hydrodynamic stability for emergency	Peak polarity selector for monitoring waveforms
transport of men from space station to	[NASA-CASE-FRC-10010] c10 N71-24862
splashdoun	Development of family of frequency to amplitude
[NASA-CASE-ESC-13281] c31 N72-18859	converters for frequency analysis of complex
WATER HAWAGEMENT Description of electrical equipment and system	input signal waveforms
for purification of waste water by producing	[NASA-CASE-MSC-12395] c09 N72-25257 Device for performing statistical time-series
silver ions for bacterial control	analysis of complex electrical signal waveforms
[NASA-CASE-MSC-10960-1] c03 N71-24718	[NASA-CASE-MSC-12428-1] c10 N73-25240
UATER POLLUTION	Anti-multipath digital signal detector
Otilization of solar radiation by solar still	[NASA-CASE-LAE-11379-1] c07 N74-11005
for converting salt and brackish water into potable water	Controllable high voltage source having fast
[NASA-CASE-IMS-04533] c15 N71-23086	settling time [NASA-CASE-GSC-11844-1] c09 N74-19853
Portable tester for monitoring bacterial	CAURGUIDE ARTENNAS
contamination by adenosine triphosphate light	Planar array circularly polarized antenna with
reaction	wall slot excitation
reaction [NASA-CASE-GSC-10879-1] c14 N72-25413	<pre>wall slot excitation [NASA-CASE-NPO-10301]</pre>
reaction [NASA-CASE-GSC-10879-1] c14 N72-25413 HATER ERCLAHATION	<pre>#all slot excitation [NASA-CASE-NPO-10301] c07 N72-11148 Dielectric loaded aperture antenna with</pre>
reaction [NASA-CASE-GSC-10879-1] c14 N72-25413	<pre>wall slot excitation [NASA-CASE-NPO-10301]</pre>
reaction [NASA-CASE-GSC-10879-1] c14 N72-25413 WATER RECLARATION Potable water reclamation from human wastes in zero-G environment [NASA-CASE-XLA-03213] c05 N71-11207	<pre>#all slot excitation [NASA-CASE-NPO-10301] c07 N72-11148 Dielectric loaded aperture antenna with</pre>
reaction [NASA-CASE-GSC-10879-1] c14 N72-25413 HATER RECLIBIATION Potable water reclamation from human wastes in zero-G environment [NASA-CASE-XLA-03213] c05 N71-11207 HATER TEMPERATORE	wall slot excitation [NASA-CASE-NPO-10301] c07 N72-11148 Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] c09 N73-12216 HAVEGUIDE PILTERS Microwave power divider for providing variable
reaction [NASA-CASE-GSC-10879-1] c14 N72-25413 HATER RECLARATION Potable water reclamation from human wastes in zero-G environment [NASA-CASE-XLA-03213] c05 N71-11207 HATER TEMPERATURE Differential thermopile for measuring cooling	wall slot excitation [NASA-CASE-NPO-10301] Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] CO9 N73-12216 HAVEGUIDE FILTERS Microwave power divider for providing variable output power to output waveguide in fixed
reaction [NASA-CASE-GSC-10879-1] c14 N72-25413 HATER ERCLAHATION Potable water reclamation from human wastes in zero-G environment [NASA-CASE-KIA-03213] c05 N71-11207 HATER TEMPERATURE Differential thermopile for measuring cooling water temperature rise	wall slot excitation [NASA-CASE-NPO-10301] Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] CO9 N73-12216 HAVBGUIDE FILTERS Microwave power divider for providing variable output power to output waveguide in fixed waveguide system
reaction [NASA-CASE-GSC-10879-1] c14 N72-25413 HATER RECLARATION Potable water reclamation from human wastes in zero-G environment [NASA-CASE-XLA-03213] c05 N71-11207 HATER TEMPERATURE Differential thermopile for measuring cooling	wall slot excitation [NASA-CASE-NPO-10301] Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] CO9 M73-12216 BAVEGUIDE FILTERS Hiczowave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] CO7 N71-33606
reaction [NASA-CASE-GSC-10879-1] C14 N72-25413 C14 N72-25413 C15 N71-11207 C16 N73-CASE-KLA-03213] C17 N71-11207 C18 N71-11207 C18 N71-11207 C19 N71	wall slot excitation [NASA-CASE-NPO-10301] Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] CO9 N73-12216 HAVBGUIDE FILTERS Microwave power divider for providing variable output power to output waveguide in fixed waveguide system
reaction [NASA-CASE-GSC-10879-1] C14 N72-25413 C14 N72-25413 C15 N71-11207 C16 N71-11207 C17 N71-11207 C18 N71-11207 C18 N71-11207 C19 N71-11207 C10 N71-11207 C1	wall slot excitation [NASA-CASE-NPO-10301] c07 N72-11148 Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] c09 N73-12216 HAVEGUIDE PILTERS Hicrowave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] c07 N71-33606 BAVEGUIDE WINDOWS
reaction [NASA-CASE-GSC-10879-1] **MATER RECLARATION** Potable water reclamation from human wastes in zero-G environment [NASA-CASE-XIA-03213] **CO5 N71-11207** **HATER TEMPERATURE** Differential thermopile for measuring cooling water temperature rise [NASA-CASE-XAC-00812] **CHANTI-15598** **HATER TERATHENT** Description of electrical equipment and system for purification of waste water by producing silver ions for hacterial control**	wall slot excitation [NASA-CASE-NPO-10301] Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] CO9 N73-12216 HAVEGUIDE FILTERS Hicrowave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] CO7 N71-33606 WAVEGUIDE WINDOWS Broadband microwave waveguide window to compensate dielectric material filling [NASA-CASE-INP-08880] CO9 N71-24808
reaction [NASA-CASE-GSC-10879-1] c14 N72-25413 **BATER RECLARATION** Potable water reclamation from human wastes in zero-G environment [NASA-CASE-XLA-03213] c05 N71-11207 **HATER TEMPERATURE** Differential thermopile for measuring cooling water temperature rise [NASA-CASE-XAC-00812] c14 N71-15598 **HATER TRRATMENT** Description of electrical equipment and system for purification of waste water by producing silver ions for hacterial control [NASA-CASE-MSC-10960-1] c03 N71-24718	wall slot excitation [NASA-CASE-NPO-10301] c07 N72-11148 Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] c09 N73-12216 HAVEGUIDE PILTERS Hicrowave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] c07 N71-33606 UAVEGUIDE HINDOWS Broadband microwave waveguide window to compensate dielectric material filling [NASA-CASE-INP-08880] c09 N71-24808 UAVEGUIDES
reaction [NASA-CASE-GSC-10879-1] C14 N72-25413 C14 N72-25413 C15 N71-25413 C16 N72-25413 C17 N72-25413 C18 N72-25413 C19 N71-11207 C19 N71-15598 C1	wall slot excitation [NASA-CASE-NPO-10301] c07 N72-11148 Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] c09 N73-12216 ### ### ### ### ### ### ### ### ### #
reaction [NASA-CASE-GSC-10879-1] c14 N72-25413 #ATER RECLARATION Potable water reclamation from human wastes in zero-G environment [NASA-CASE-XLA-03213] c05 N71-11207 #ATER TEMPERATURE Differential thermopile for measuring cooling water temperature rise [NASA-CASE-XLC-00812] c14 N71-15598 #ATER TRRATHENT Description of electrical equipment and system for purification of waste water by producing silver ions for bacterial control [NASA-CASE-HSC-10960-1] c03 N71-24718 Raw water sewage treatment [NASA-CASE-NPO-13224-1] c05 N73-31011	wall slot excitation [NASA-CASE-NPO-10301] c07 N72-11148 Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] c09 N73-12216 HAVEGUIDE PILTERS Hicrowave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] c07 N71-33606 UAVEGUIDE HINDOWS Broadband microwave waveguide window to compensate dielectric material filling [NASA-CASE-INP-08880] c09 N71-24808 UAVEGUIDES
reaction [NASA-CASE-GSC-10879-1] c14 N72-25413 **BATER RECLARATION** Potable water reclamation from human wastes in zero-G environment [NASA-CASE-XLA-03213] c05 N71-11207 **HATER TEMPERATURE** Differential thermopile for measuring cooling water temperature rise [NASA-CASE-XAC-00812] c14 N71-15598 **HATER TERATMENT** Description of electrical equipment and system for purification of waste water by producing silver ions for hacterial control [NASA-CASE-MSC-10960-1] c03 N71-24718 Raw water sewage treatment [NASA-CASE-NPO-13224-1] c05 N73-31011 **BATER VAPOR** Equipment for measuring partial water vapor	wall slot excitation [NASA-CASE-NPO-10301] c07 N72-11148 Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] c09 N73-12216 HAVEGUIDE FILTERS Microwave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] c07 N71-33606 DAVEGUIDE HINDOMS Broadband microwave waveguide window to compensate dielectric material filling [NASA-CASE-INP-08880] c09 N71-24808 UAVEGUIDES Dual waveguide mode source for controlling amplitudes of two modes
reaction [NASA-CASE-GSC-10879-1] C14 N72-25413 C14 N72-25413 C15 N71-25413 C16 N72-25413 C17 N72-25413 C18 N72-25413 C19 N71-11207 C19 N71-15598 C1	wall slot excitation [NASA-CASE-NPO-10301] Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] CO9 N73-12216 #AVEGUIDE FILTERS Microwave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] CO7 N71-33606 #AVEGUIDE WINDOWS Broadband microwave waveguide window to compensate dielectric material filling [NASA-CASE-INP-08880] CO9 N71-24808 #AVEGUIDES Dual waveguide mode source for controlling amplitudes of two modes [NASA-CASE-INP-03134] Design of folded traveling wave maser structure [NASA-CASE-XNP-05219] C16 N71-15550
reaction [NASA-CASE-GSC-10879-1] C14 N72-25413 C14 N72-25413 C15 N71-11207 C16 N73-CASE-TLA-03213] C17 N71-11207 C18 N71-11207 C18 N71-11207 C18 N71-11207 C19 N71-15598 C19 N71	Hall slot excitation [NASA-CASE-NPO-10301] Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] CO9 M73-12216 HAVEGUIDE FILTERS Microwave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] CO7 N71-33606 HAVEGUIDE HINDOMS Broadband microwave waveguide window to compensate dielectric material filling [NASA-CASE-INP-08880] CO9 N71-24808 HAVEGUIDES Dual waveguide mode source for controlling amplitudes of two modes [NASA-CASE-INP-03134] Design of folded traveling wave maser structure [NASA-CASE-NP-05219] C16 N71-15550 Quasi-optical microwave circuit with dielectric
reaction [NASA-CASE-GSC-10879-1] c14 N72-25413 #HATER RECLARATION Potable water reclamation from human wastes in zero-G environment [NASA-CASE-XLA-03213] c05 N71-11207 #HATER TEMPERATURE Differential thermopile for measuring cooling water temperature rise [NASA-CASE-XLAC-00812] c14 N71-15598 #HATER TRRATMENT Description of electrical equipment and system for purification of waste water by producing silver ions for hacterial control [NASA-CASE-MSC-10960-1] c03 N71-24718 Raw water sewage treatment [NASA-CASE-NPO-13224-1] c05 N73-31011 #HATER VAPOR Equipment for measuring partial water vapor pressure in gas tank [NASA-CASE-XMS-01618] c14 N71-20741 #HATERPHOOFING	wall slot excitation [NASA-CASE-NPO-10301] c07 N72-11148 Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] c09 N73-12216 ### ### ### ### ### ### ### ### ### #
reaction [NASA-CASE-GSC-10879-1] C14 N72-25413 C14 N72-25413 C15 N71-11207 C16 N73-CASE-TLA-03213] C17 N71-11207 C18 N71-11207 C18 N71-11207 C18 N71-11207 C19 N71-15598 C19 N71	wall slot excitation [NASA-CASE-NPO-10301] c07 N72-11148 Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] c09 N73-12216 HAVEGUIDE FILTERS Microwave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] c07 N71-33606 WAVEGUIDE WINDOWS Broadband microwave waveguide window to compensate dielectric material filling [NASA-CASE-INP-08880] c09 N71-24808 UAVEGUIDES Dual waveguide mode source for controlling amplitudes of two modes [NASA-CASE-XNP-03134] c07 N71-10676 Design of folded traveling wave maser structure [NASA-CASE-XNP-05219] c16 N71-15550 Quasi-optical microwave circuit with dielectric body for use with oversize waveguides [NASA-CASE-ERC-10011] c07 N71-29665
reaction [NASA-CASE-GSC-10879-1] c14 N72-25413 #HATER RECLAHATIOB Potable water reclamation from human wastes in zero-G environment [NASA-CASE-XLA-03213] c05 N71-11207 #HATER TEMPERATURE Differential thermopile for measuring cooling water temperature rise [NASA-CASE-XLC-00812] c14 N71-15598 #HATER TREATHENT Description of electrical equipment and system for purification of waste water by producing silver ions for hacterial control [NASA-CASE-NSC-10960-1] c03 N71-24718 Raw water sewage treatment [NASA-CASE-NPO-13224-1] c05 N73-31011 #HATER WAPOR Equipment for measuring partial water wapor pressure in gas tank [NASA-CASE-XMS-01618] c14 N71-20741 #HATERPHOOFING Glass-to-metal seals comprising relatively high expansion metals [NASA-CASE-LEB-10698-1] c15 N74-21063	wall slot excitation [NASA-CASE-NPO-10301] Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] C09 N73-12216 #################################
reaction [NASA-CASE-GSC-10879-1] c14 N72-25413 #HATER RECLABATION Potable water reclamation from human wastes in zero-G environment [NASA-CASE-XLA-03213] c05 N71-11207 #HATER TREPERATURE Differential thermopile for measuring cooling water temperature rise [NASA-CASE-XAC-00812] c14 N71-15598 #HATER TREATMENT Description of electrical equipment and system for purification of waste water by producing silver ions for hacterial control [NASA-CASE-MSC-10960-1] c03 N71-24718 Raw water sewage treatment [NASA-CASE-NPO-13224-1] c05 N73-31011 #HATER VAPOR Equipment for measuring partial water vapor pressure in gas tank [NASA-CASE-XHS-01618] c14 N71-20741 #HATERPHOOFING Glass-to-metal seals comprising relatively high expansion metals [NASA-CASE-LEB-10698-1] c15 N74-21063	wall slot excitation [NASA-CASE-NPO-10301] c07 N72-11148 Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] c09 N73-12216 HAVEGUIDE PILTERS Hicrowave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] c07 N71-33606 UAVEGUIDE HINDOWS Broadband microwave waveguide window to compensate dielectric material filling [NASA-CASE-INP-08880] c09 N71-24808 UAVEGUIDES Dual waveguide mode source for controlling amplitudes of two modes [NASA-CASE-INP-03134] c07 N71-10676 Design of folded traveling wave maser structure [NASA-CASE-XNP-05219] c16 N71-15550 Quasi-optical microwave circuit with dielectric body for use with oversize waveguides [NASA-CASE-ERC-10011] c07 N71-29065 Hicrowave waveguide mixer [NASA-CASE-ERC-10179] c07 N72-20141 Haveguide, thin film window and microwave iriees
reaction [NASA-CASE-GSC-10879-1] c14 N72-25413 **BATER RECLARATION Potable water reclamation from human wastes in zero-G environment [NASA-CASE-XLA-03213] c05 N71-11207 **HATER TEMPERATURE Differential thermopile for measuring cooling water temperature rise [NASA-CASE-XAC-00812] c14 N71-15598 **BATER TERATMENT Description of electrical equipment and system for purification of waste water by producing silver ions for hacterial control [NASA-CASE-NSC-10960-1] c03 N71-24718 Raw water sewage treatment [NASA-CASE-NPO-13224-1] c05 N73-31011 **BATER VAPOR Equipment for measuring partial water vapor pressure in gas tank [NASA-CASE-XMS-01618] c14 N71-20741 **BATERPHOOPING Glass-to-metal seals comprising relatively high expansion metals [NASA-CASE-LEB-10698-1] c15 N74-21063 **BAVB AMPLIFICATION Nillimeter wave pumped parametric amplifier	wall slot excitation [NASA-CASE-NPO-10301] Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] C09 N73-12216 #################################
reaction [NASA-CASE-GSC-10879-1] c14 N72-25413 #ATER RECLAHATIOB Potable water reclamation from human wastes in zero-G environment [NASA-CASE-XIA-03213] c05 N71-11207 #ATER TRHPERATURE Differential thermopile for measuring cooling water temperature rise [NASA-CASE-XIC-00812] c14 N71-15598 #ATER TRRATHENT Description of electrical equipment and system for purification of waste water by producing silver ions for hacterial control [NASA-CASE-NSC-10960-1] c03 N71-24718 Raw water setage treatment [NASA-CASE-NPO-13224-1] c05 N73-31011 #ATER VAPOR Equipment for measuring partial water vapor pressure in gas tank [NASA-CASE-XHS-01618] c14 N71-20741 #ATERPHOOPING Glass-to-metal seals comprising relatively high expansion metals [NASA-CASE-LEB-10698-1] c15 N74-21063 #ATER AHPITFICATION Willimeter wave pumped parametric amplifier varactor diode mounting structure	wall slot excitation [NASA-CASE-NPO-10301] Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-1084-1] C09 N73-12216 #################################
reaction [NASA-CASE-GSC-10879-1] c14 N72-25413 #HATER RECLAHATIOB Potable water reclamation from human wastes in zero-6 environment [NASA-CASE-XLA-03213] c05 N71-11207 #HATER TRHPERATURE Differential thermopile for measuring cooling water temperature rise [NASA-CASE-XLC-00812] c14 N71-15598 #HATER TRRATHENT Description of electrical equipment and system for purification of waste water by producing silver ions for hacterial control [NASA-CASE-NSC-10960-1] c03 N71-24718 Raw water sewage treatment [NASA-CASE-NPO-13224-1] c05 N73-31011 #HATER VAPOR Equipment for measuring partial water vapor pressure in gas tank [NASA-CASE-XMS-01618] c14 N71-20741 #HATERPBOOFING Glass-to-metal seals comprising relatively high expansion metals [NASA-CASE-LBN-10698-1] c15 N74-21063 #HAVE AMPLIFICATION Millimeter wave pumped parametric amplifier varactor diode mounting structure [NASA-CASE-GSC-11617-1] c09 N74-10200	wall slot excitation [NASA-CASE-NPO-10301] Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] C09 N73-12216 HAVEGUIDE PILTERS Hicrowave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] C07 N71-33606 DAVEGUIDE HINDOWS Broadband microwave waveguide window to compensate dielectric material filling [NASA-CASE-INP-08880] C09 N71-24808 GAVEGUIDES Dual waveguide mode source for controlling amplitudes of two modes [NASA-CASE-INP-03134] C07 N71-10676 Design of folded traveling wave maser structure [NASA-CASE-XNP-05219] Quasi-optical microwave circuit with dielectric body for use with oversize waveguides [NASA-CASE-ERC-10011] Hicrowave waveguide mixer [NASA-CASE-ERC-10179] C07 N72-20141 Haveguide, thin film window and microwave irises [NASA-CASE-LAR-10513-1] Development of thin film microwave iris installed in microwave waveguide transverse to
reaction [NASA-CASE-GSC-10879-1] c14 N72-25413 #ATER RECLAHATIOB Potable water reclamation from human wastes in zero-G environment [NASA-CASE-XIA-03213] c05 N71-11207 #ATER TRHPERATURE Differential thermopile for measuring cooling water temperature rise [NASA-CASE-XIC-00812] c14 N71-15598 #ATER TRRATHENT Description of electrical equipment and system for purification of waste water by producing silver ions for hacterial control [NASA-CASE-NSC-10960-1] c03 N71-24718 Raw water setage treatment [NASA-CASE-NPO-13224-1] c05 N73-31011 #ATER VAPOR Equipment for measuring partial water vapor pressure in gas tank [NASA-CASE-XHS-01618] c14 N71-20741 #ATERPHOOPING Glass-to-metal seals comprising relatively high expansion metals [NASA-CASE-LEB-10698-1] c15 N74-21063 #ATER AHPITFICATION Willimeter wave pumped parametric amplifier varactor diode mounting structure	wall slot excitation [NASA-CASE-NPO-10301] Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] CO9 N73-12216 EAVEGUIDE PILTERS Hicrowave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] CO7 N71-33606 EAVEGUIDE HINDOHS Broadband microwave waveguide window to compensate dielectric material filling [NASA-CASE-INP-08880] CO9 N71-24808 EAVEGUIDES Dual waveguide mode source for controlling amplitudes of two modes [NASA-CASE-INP-03134] CO7 N71-10676 Design of folded traveling wave maser structure [NASA-CASE-XNP-05219] Quasi-optical microwave circuit with dielectric body for use with oversize waveguides [NASA-CASE-ERC-10011] CO7 N71-29065 Hicrowave waveguide mixer [NASA-CASE-ERC-10179] CO7 N72-20141 Barequide, thin film window and microwave irises [NASA-CASE-LAR-10513-1] Development of thin film microwave iris installed in microwave waveguide transverse to flow of energy in waveguide [NASA-CASE-LAR-10511-1] CO9 N72-29172
reaction [NASA-CASE-GSC-10879-1] c14 N72-25413 #HATER RECLARATION Potable water reclamation from human wastes in zero-G environment [NASA-CASE-XLA-03213] c05 N71-11207 #HATER TEMPERATURE Differential thermopile for measuring cooling water temperature rise [NASA-CASE-XLC-00812] c14 N71-15598 #HATER TRRATMENT Description of electrical equipment and system for purification of waste water by producing silver ions for hacterial control [NASA-CASE-NSC-10960-1] c03 N71-24718 Raw water sewage treatment [NASA-CASE-NPO-13224-1] c05 N73-31011 #HATER VAPOR Equipment for measuring partial water vapor pressure in gas tank [NASA-CASE-XMS-01618] c14 N71-20741 #HATERPHOOFING Glass-to-metal seals comprising relatively high expansion metals [NASA-CASE-LBS-10698-1] c15 N74-21063 #HAVE AMPLIFICATION Millimeter wave pumped parametric amplifier varactor diode mounting structure [NASA-CASE-GSC-11617-1] c09 N74-10200 #HAVE FROMT RECONSTRUCTION Recording and reconstructing focused image holograms	wall slot excitation [NASA-CASE-NPO-10301] Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-1084-1] C09 N73-12216 #################################
reaction [NASA-CASE-GSC-10879-1] c14 N72-25413 #HATER RECLARATION Potable water reclamation from human wastes in zero-G environment [NASA-CASE-XLA-03213] c05 N71-11207 #HATER TEMPERATURE Differential thermopile for measuring cooling water temperature rise [NASA-CASE-XAC-00812] c14 N71-15598 #HATER TERATHENT Description of electrical equipment and system for purification of waste water by producing silver ions for bacterial control [NASA-CASE-NSC-10960-1] c03 N71-24718 #Raw water sewage treatment [NASA-CASE-NPO-13224-1] c05 N73-31011 #HATER VAPOR Equipment for measuring partial water vapor pressure in gas tank [NASA-CASE-NNS-01618] c14 N71-20741 #HATERPHOOFING Glass-to-metal seals comprising relatively high expansion metals [NASA-CASE-LBS-10698-1] c15 N74-21063 #HAVE AMPLIFICATION Millimeter wave pumped parametric amplifier varactor diode mounting structure [NASA-CASE-GSC-11617-1] c09 N74-10200 #HAVE PROME RECONSTRUCTION Recording and reconstructing focused image holograms [NASA-CASE-ERC-10017] c16 N71-15567	wall slot excitation [NASA-CASE-NPO-10301] Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] C09 N73-12216 #################################
reaction [NASA-CASE-GSC-10879-1] #HATER RECLARATION Potable water reclamation from human wastes in zero-G environment [NASA-CASE-XLA-03213] #HATER TEMPERATURE Differential thermopile for measuring cooling water temperature rise [NASA-CASE-XAC-00812] #HATER TERRIMENT Description of electrical equipment and system for purification of waste water by producing silver ions for hacterial control [NASA-CASE-NSC-10960-1] #HATER VAPOR Equipment for measuring partial water vapor pressure in gas tank [NASA-CASE-NS-01618] #HATER YAPOR Glass-to-metal seals comprising relatively high expansion metals [NASA-CASE-LESH-10698-1] #HATERPHOOPING Glass-to-metal seals comprising relatively high expansion metals [NASA-CASE-LESH-10698-1] #HATER THEOMETICATION ###################################	wall slot excitation [NASA-CASE-NPO-10301] Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] CO9 N73-12216 HAVEGUIDE FILTERS Microwave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] CO7 N71-33606 WAVEGUIDE WINDOUS Broadband microwave waveguide window to compensate dielectric material filling [NASA-CASE-INP-08880] CO9 N71-24808 UAVEGUIDES Dual waveguide mode source for controlling amplitudes of two modes [NASA-CASE-XNP-03134] CO7 N71-10676 Design of folded traveling wave maser structure [NASA-CASE-XNP-05219] Cuasi-optical microwave circuit with dielectric body for use with oversize waveguides [NASA-CASE-ERC-10011] CO7 N71-29065 Hicrowave waveguide mixer [NASA-CASE-ERC-10179] Faveguide, thin film window and microwave irises [NASA-CASE-LAR-10513-1] CO7 N72-25170 Development of thin film microwave iris installed in microwave waveguide [NASA-CASE-LAR-10511-1] Resonant waveguide Stark cell using microwave spectrometers [NASA-CASE-LAR-11352-1] CO9 N74-19854
reaction [NASA-CASE-GSC-10879-1] c14 N72-25413 #HATER RECLARATION Potable water reclamation from human wastes in zero-G environment [NASA-CASE-XLA-03213] c05 N71-11207 #HATER TEMPERATURE Differential thermopile for measuring cooling water temperature rise [NASA-CASE-XAC-00812] c14 N71-15598 #HATER TERATHENT Description of electrical equipment and system for purification of waste water by producing silver ions for bacterial control [NASA-CASE-NSC-10960-1] c03 N71-24718 #Raw water sewage treatment [NASA-CASE-NPO-13224-1] c05 N73-31011 #HATER VAPOR Equipment for measuring partial water vapor pressure in gas tank [NASA-CASE-NNS-01618] c14 N71-20741 #HATERPHOOFING Glass-to-metal seals comprising relatively high expansion metals [NASA-CASE-LBS-10698-1] c15 N74-21063 #HAVE AMPLIFICATION Millimeter wave pumped parametric amplifier varactor diode mounting structure [NASA-CASE-GSC-11617-1] c09 N74-10200 #HAVE PROME RECONSTRUCTION Recording and reconstructing focused image holograms [NASA-CASE-ERC-10017] c16 N71-15567	wall slot excitation [NASA-CASE-NPO-10301] Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] CO9 N73-12216 #################################
Teaction [NASA-CASE-GSC-10879-1] #HATER RECLARATION Potable water reclamation from human wastes in zero-G environment [NASA-CASE-XLA-03213] #HATER TEMPERATURE Differential thermopile for measuring cooling water temperature rise [NASA-CASE-XAC-00812] #HATER TERRITHENT Description of electrical equipment and system for purification of waste water by producing silver ions for hacterial control [NASA-CASE-NSC-10960-1] #HATER VAPOR ### Equipment for measuring partial water vapor pressure in gas tank [NASA-CASE-NHO-13224-1] #### WAPOR #### #### #### C14 N71-20741 ###################################	wall slot excitation [NASA-CASE-NPO-10301] Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] CO9 N73-12216 #################################
TRACTION [NASA-CASE-GSC-10879-1] #ATER RECLAMATION Potable water reclamation from human wastes in zero-G environment [NASA-CASE-XLA-03213] #ATER TRHERRATURE Differential thermopile for measuring cooling water temperature rise [NASA-CASE-XLC-00812] #ATER TRRATHENT Description of electrical equipment and system for purification of waste water by producing silver ions for hacterial control [NASA-CASE-NSC-10960-1] #ATER TAPOR ### ### #### #######################	Wall slot excitation [NASA-CASE-NPO-10301] Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] CO9 N73-12216 #################################
TRACTION [NASA-CASE-GSC-10879-1] #ATER RECLAMATION Potable water reclamation from human wastes in zero-G environment [NASA-CASE-XLA-03213] #ATER TEMPERATURE Differential thermopile for measuring cooling water temperature rise [NASA-CASE-XLC-00812] #ATER TREATHENT Description of electrical equipment and system for purification of waste water by producing silver ions for hacterial control [NASA-CASE-NSC-10960-1] #ATER VAPOR Equipment for measuring partial water wapor pressure in gas tank [NASA-CASE-NPO-13224-1] #ATER VAPOR Equipment for measuring partial water wapor pressure in gas tank [NASA-CASE-XMS-01618] #ATERPHOOFING Glass-to-metal seals comprising relatively high expansion metals [NASA-CASE-LES-10698-1] #AVE AHPLIFICATION Millimeter wave pumped parametric amplifier varactor diode mounting structure [NASA-CASE-GSC-11617-1] #AVE FRONT RECONSTRUCTION Recording and reconstructing focused image holograms [NASA-CASE-ERC-10017] #AVE GENERATION Hind tunnel air flow modulating device and apparatus for selectively generating wave motion in wind tunnel airstream [NASA-CASE-ILA-00112] Linear sawtooth voltage wave generator with	Wall slot excitation [NASA-CASE-NPO-10301] Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] CO9 N73-12216 #################################
[NASA-CASE-GSC-10879-1] c14 N72-25413 #ATER RECLAHATION Potable water reclamation from human wastes in zero-G environment [NASA-CASE-XLA-03213] c05 N71-11207 #ATER TEMPERATURE Differential thermopile for measuring cooling water temperature rise [NASA-CASE-XAC-00812] c14 N71-15598 #ATER TERATHENT Description of electrical equipment and system for purification of waste water by producing silver ions for hacterial control [NASA-CASE-NSC-10960-1] c03 N71-24718 Raw water sewage treatment [NASA-CASE-NPO-13224-1] c05 N73-31011 #ATER VAPOR Equipment for measuring partial water vapor pressure in gas tank [NASA-CASE-XMS-01618] c14 N71-20741 #ATERPROOFING Glass-to-metal seals comprising relatively high expansion metals [NASA-CASE-LEB-10698-1] c15 N74-21063 #AVB AMPLIFICATION #AILIMETER WAVE PUMPED PARAMETRIC amplifier varactor diode mounting structure [NASA-CASE-ESC-11617-1] c09 N74-10200 #AVE REONT RECONSTRUCTION Recording and reconstructing focused image holograms [NASA-CASE-ERC-10017] c16 N71-15567 #AVE GENERATION #Hind tunnel air flow modulating device and apparatus for selectively generating wave motion in wind tunnel airstream [NASA-CASE-ILA-00112] Linear sawtooth voltage wave generator with transistor timing circuit having capacitor and	wall slot excitation [NASA-CASE-NPO-10301] Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] CO9 N73-12216 HAVEGUIDE FILTERS Hicrowave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] CO7 N71-33606 HAVEGUIDE WINDOWS Broadband microwave waveguide window to compensate dielectric material filling [NASA-CASE-NPO-08860] CO9 N71-24808 HAVEGUIDES Dual waveguide mode source for controlling amplitudes of two modes [NASA-CASE-NPO-03134] CO7 N71-10676 Design of folded traveling wave maser structure [NASA-CASE-NPO-05219] C16 N71-15550 Quasi-optical microwave circuit with dielectric body for use with oversize waveguides [NASA-CASE-ERC-10011] Hicrowave waveguide mixer [NASA-CASE-ERC-10011] CO7 N72-2014 Haveguide, thin film window and microwave irises [NASA-CASE-LAR-10513-1] Development of thin film microwave irises [NASA-CASE-LAR-10511-1] Resonant waveguide Stark cell using microwave spectrometers [NASA-CASE-LAR-11352-1] GO9 N74-19854 Havelengths Hethod and apparatus using temperature control for wavelength tuning of liquid lasers [NASA-CASE-ERC-10167] Hultiple wavelength radiation measuring instrument for determining hot body or gas
TRACTION [NASA-CASE-GSC-10879-1] #ATER RECLAHATION Potable water reclamation from human wastes in zero-G environment [NASA-CASE-XLA-03213] #ATER TEMPERATURE Differential thermopile for measuring cooling water temperature rise [NASA-CASE-XAC-00812] #ATER TERATHENT Description of electrical equipment and system for purification of waste water by producing silver ions for bacterial control [NASA-CASE-NSC-10960-1] #ASA-CASE-NFC-10960-1] #ATER VAPOR ### Equipment for measuring partial water vapor pressure in gas tank [NASA-CASE-XMS-01618] #### WAPOR #### Glass-to-metal seals comprising relatively high expansion metals [NASA-CASE-LEB-10698-1] ###################################	wall slot excitation [NASA-CASE-NPO-10301] Dielectric loaded aperture antenna with directive radiation pattern from waveguide [NASA-CASE-LAR-11084-1] CO9 N73-12216 HAVEGUIDE FILTERS Hicrowave power divider for providing variable output power to output waveguide in fixed waveguide system [NASA-CASE-NPO-11031] CO7 N71-33606 UAVEGUIDE HINDOWS Broadband microwave waveguide window to compensate dielectric material filling [NASA-CASE-NPO-03134] CO9 N71-24808 UAVEGUIDES Dual waveguide mode source for controlling amplitudes of two modes [NASA-CASE-NPO-03134] CO7 N71-10676 Design of folded traveling wave maser structure [NASA-CASE-NPO-05219] C16 N71-15550 Quasi-optical microwave circuit with dielectric body for use with oversize waveguides [NASA-CASE-ERC-10011] G07 N72-2014 Haveguide, thin film window and microwave irises [NASA-CASE-ERC-10179] CO7 N72-25170 Development of thin film microwave iris installed in microwave waveguide transverse to flow of energy in waveguide [NASA-CASE-LAR-10511-1] Resonant waveguide Stark cell using microwave spectrometers [NASA-CASE-LAR-11352-1] CO9 N72-29172 Resonant waveguide Stark cell using microwave spectrometers [NASA-CASE-LAR-11352-1] CO9 N74-19854 GAVELENGTHS Hethod and apparatus using temperature control for wavelength tuning of liquid lasers [NASA-CASE-ERC-10187] Hultiple wavelength radiation measuring instrument for determining hot body or gas
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Toro granity and the second to		[NASA-CASE-XLA-02810] G14 N71-25901
Zero gravity, constant flow electrophoretic [NASA-CASE-NPO-11304] c14 N73-26430 separating apparatus	[NASA-CASE-XMF-09902] c15 N72-11387	[NASA-CASE-KLA-02810] c14 %71-25901 Temperature control system comprised of wheatstone bridge with RC circuit

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Two speed drive system for driving	g wehicle wheel	properties of specimens photographic
[NASA-CASE-HFS-20645] HHISKER COMPOSITES	¢15 N72-20463	recording of changes in thin film phase-change
Composites reinforced with about		temperature indicating material in wind tunnel
Composites reinforced with short publishers and having high tensile	metal libers or	[NASA-CASE-LAR-11053-1] c33 N74-1855
/ [NASA-CASE-ILE-002281	c17 N70-38490	BIND TUNNELS Procedure for generating uniform flow of manyles
CHISKERS (SINGLE CRYSTALS)		Procedure for generating uniform flow at warying welocities in wind tunnel test section
Catalyst for increased growth of p	boron carbide	[WASA-CASE-ARC-10710-1] c11 W73-2717
Crystal uhiskers		BIDD VELOCITY HEASUREHERT
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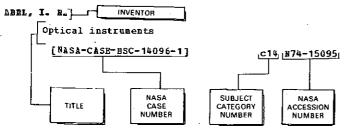
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Section 2

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[NASA-CASE-XMP-00701] c09 N70-	40272 [NASA-CASE-XMF-00324] c09 N70-3459
ANDERSON, J. R.	Instrument support with precise lateral
Method for removing oxygen impurities from	adjustment Patent [NASA-CASE-XMF-00480] c14 N70-398
cesium Patent [NASA-CASE-XNP-04262-2] c17 N71-:	
ANDERSON, K. P.	[NASA-CASE-XMF-01772] c11 N70-416
Pulsed excitation voltage circuit for transduc	
[NASA-CASE-FRC-10036] c09 N72-: ANDERSON, R. A.	22200 [MASA-CASE-IMF-03498] c15 M71-1599 Method of making shielded flat cable Patent
Sandwich panel construction Patent	[NASA-CASE-MFS-13687] CO9 N71-286
[NASA-CASE-ILA-00349] c33 N70-	
ANDERSON, R. P. Pionoclostric numb Datent	[NASA-CASE-MFS-13687-2] c09 H72-2219 Electrical connector
Piezoelectric pump Patent [NASA-CASE-XNP-05429] c26 N71-	
ANDRESON, T. O.	Cryogenic gyroscope housing
Binary number sorter Patent	[NASA-CASE-MFS-21136-1] c23 N74-1833
[NASA-CASE-NPO-10112] c08 N71- Banging system Patent	12502 APPEL, M. A. Propellant tank pressurization system Patent
[NASA-CASE-NPO-10066] CO9 N71-	
Data compression processor Patent	APPLEBERRY, W. T.
[NASA-CASE-NPO-10068] c08 N71- Data compressor Patent	19288 A device for use in loading tension members [NASA-CASE-NFS-21488-1] c14 N73-235
[NASA-CASE-XNP-04067] c08 N71-	- · · · · · · · · · · · · · · · · · · ·
Error correcting method and apparatus Patent	[NASA-CASE-MFS-21728-1] c14 N73-254
[NASA-CASE-XNP-02748] c08 N71-	
Comparator for the comparison of two binary numbers Patent	Method for generating ultra-precise angles Patent [NASA-CASE-XGS-04173] c19 N71-266
[-NASA-CASE-XNP-04819] c08 N71-	
Digital synchronizer Patent	Omnidirectional slot antenna for mounting on
[NASA-CASE-NPO-10851] c07 N71-: Decoder system Patent	24613 cylindrical space vehicle [NASA-CASE-LAR-10163-1] c09 N72-252
[NASA-CASE-NPO-10118] c07 N71-	
Parallel generation of the check bits of a PN	Method for determining the state of charge of
sequence Patent	batteries by the use of tracers Patent 26103 [NASA-CASE-XNP-01464] c03 N71-107
[NASA-CASE-XNP-04623] c10 N71-: Rapid sync acquisition system Patent	26103 [NASA-CASE-XNP-01464] c03 871-1073 ARCELLA, F. G.
[NASA-CASE-NPO-10214] c10 N71-	26577 Hethod of forming a wick for a heat pipe
Digital filter for reducing sampling jitter in	
digital control systems Patent [NASA-CASE-NPO-11088] c08 N71-	ARIAS, A. 29034 Apparatus for positioning and loading a test
Encoder/decoder system for a rapidly	specimen Patent
synchronizable binary code Patent	[NASA-CASE-XLE-01300] c15 N70-419
[NASA-CASE-NPO-10342] c10 N71-	
Modular encoder [NASA-CASE-NPO-10629] c08 N72-	[NASA-CASE-XLE-02024] c14 N71-2290 18184 Production of metal powders
Transition tracking bit synchronization system	m [NASA-CASE-XLE-06461] c17 N72-225
[NASA-CASE-NPO-10844] c07 N72-	20140 Method for producing dispersion strengthened
Digital quasi-exponential function generator [NASA-CASE-NPO-11130] c08 N72	alloys by converting metal to a halide,
[NASA-CASE-NPO-11130] c08 N72- MOD 2 sequential function generator for multi-	
binary sequence	[NASA-CASE-LEW-10450-1] c15 N72-254
[NASA-CASE-NPO-10636] c08 N72-	25210 Apparatus for producing metal powders
Digital slope threshold data compressor [NASA-CASE-NPO-11630] c08 N72-:	[NASA-CASE-XLE-06461-2] c17 #72-285:
Asynchronous, multiplexing, single line	33172 ARMSTRONG, H. T. Coupling for linear shaped charge Patent
transmission and recovery data system	[NASA-CASE-XLA-00189] c33 N70-368
[NASA-CASE-NPO-13321-1] c07 n74-	The state of the s
	System for improving signal-to-noise ratio of a

communication signal Patent Appl	lication	system and method Patent	
' L'ASSE USC - 1225U - 11	-07 N30 40646	[NASA-CASE-MPS-20096]	-10 774 2000
System for improving signal-to-nois	se ratio of a	BARHR, E. P.	c14 N71-30026
Communication signal [NASA-CASE-HSC-12259-2]		Channel-type shell construction	n for rocket
ARROLD, G. E., JR.	C07 N72-33146	engines and the like patent	a tor rocker
Blectrical resistance spot welding		[NASA-CASE-ILE-001447	c28 N70-34860
techniques for metal bonding	and brazing	Rocket thrust chamber Patent	020 270 34000
1 PADATEASE-1.3P= 11070= 1 1	-45 322 00505	[NASA-CASE-XLE-00145]	c28 N70-36806
wuwance L C	c15 N73-20535	Method of making a regenerative	ely cooled
Method of making membranes	•	combustion chamber Patent	
I MASA-CASE-YND-DUGCU 1	c03 N69-21337	[NASA-CASE-XLE-00150]	C28 N70-41818
ASUBROOK B. L.		Hethod of making a rocket motor	
migh temperature cobalt-base allow	Patent	[NASA-CASE-XLB-00409]	c28 ¥71-15658
F " G A C A S B L Y T R - O() 1 / O V 1	A17 N74_4CC0A	Rocket motor casing Patent	
High temperature cobalt-base alloy	Patent	[MASA-CASE-XLE-05689] Ophthalmic liquefaction pump	c28 N71-15659
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High temperature ferromagnetic coba Patent	lt-base alloy	BABR, D. A.	c04 N73-32000
IGTORY		Synchronous orbit battery cycle	
[NASA-CASE-XLE-03629]	c17 N71-23248	[NASA-CASE-GSC-11211-1]	
Method of forming superalloys [NASA-CASE-LES-10805-1]		BAGANOFF, D.	c03 N72-25020
Method of heat troation - formal	c15 N73-13465	Means for controlling rupture o	f shock tube
Method of heat treating a formed po- material	ader product	diaphragms Patent	z shock tube
[NASA-CASE-LEH-10805-3]	-4560	[NASA-CASE-XAC-00731]	c11 N71-15960
Method of forming articles of manufa	c17 N74-10521	BAGBY, J. P.	
superalloy powders	acture irom	Thermally operated valve Paten	t
NASA=CASE=1.EV=10.905=2.1	o15 m2# 42490	[NASA-CASE-XLE-00815]	c15 N70-35407
ASHOURTH, B. R.	c15 N74-13179	BAHINAN, H.	
Apparatus for applying simulated care	forces As	Self-erecting reflector Patent	
The Ut all difficult Simulator miles	torces to an	[NASA-CASE-XGS-09190]	c31 N71-16102
L MADATUASET LART 10 550-11	c11 N72-27271	BAHH, R. J.	
ADIBRIERS, R. B.		A dc servosystem including an ac	C motor Patent
Multi-lobar scan horizon sensor par	ent	[MASA-CASE-NPO-70700]	c07 N71-33613
I MESE-CESE-162-00809 1	c21 N70-35427	BAILEY, C. L., JR.	
ATKISSON, R. A.	·	Solid state controller three are	
Apparatus having coaxial capacitor s	structure for	[NASA-CASE-MSC-12394-1]	c03 N74-10942
~~~~~~ train deusits batout		BAILEY, F. J., JR.	
[NASA-CASE-ILE-00143]	c14 N70-36618	Airplane take-off performance in [NASA-CASE-XLA-00100]	
AUBLE, C. H.		BAILEY, G. A.	c14 N70-36807
Instrument for the quantitative meas	surement of	Magnetic matrix memory system	
radiation at multiple mave lengths		[NASA-CASE-XMF-05835]	
[NASA-CASE-NLE-00011]	C14 N70-41946	BAILRY, J. T.	c08 N71-12504
Cosmic dust or other similar outer s		Bi-polar phase detector and corr	ector for colid
particles impact location detector	pace	phase PCM data signals Patent	socor for spire
[NASA-CASE-GSC-11291-1]		[ NASA-CASE-XGS-015901	a07 824-4220a
Microneteoroid analyzer	c25 N72-33696	Radio frequency coaxial high pas	s filter Datent
[ NASA-CASE-ARC-10443-1]	a10 x72 200a2	[ BASA~CASE~AGS~U   4   8	c09 N71-23573
Auker, B. H.	G14 N73-2047.7	BAILEY, H. C.	
Refractory porcelain enamel passive	thorms:	Stacked array of omnidirectional	antennas
Coutrol Coating for high temperator	re allowe .	[ MASA CASE LAK-10545-1 ]	c09 N72-21244
[ MASA-CASE-HFS-22324-17	c18 N73-21471	BAILEY, R. L.	
AUSTIN, B. R.		Apparatus and method for protect	ing a
Compton scatter attenuation gamma ray	y spectrometer	photographic device Patent [NASA-CASE-NPO-10174]	
[ MADE-CADE-MYS-Z1441-1 ]	c14 N73-30392	Solid propellant rocket motor no	c14 N71-18465
AVIZIENIS, A. A.	*	[NASA-CASE-NPO-11458]	
Self-testing and repairing computer	Patent .	Electromagnetic mave energy conve	C28 N72-23810
[NASI-CASE-NPO-10567] AYVAZIAN, B. A.	c08 N71-24633	[NASA-CASE-GSC-11394-1]	ettet
Laminar flow enhancement Patent		BARER, B. R.	c09 N73-32109
[NASA-CASE-NPO-10122]	-40	Radiation detector readont system	m Datont
Propellent mass distribution metering	c12 N71-17631	[ 4424_C426_T426_144	c14 N71-21040
Patent	apparatus	BAREE, C. D.	5.1. 2.1. 21040
[ NASA-CASE-NPO-10185 ]	c10 N71-26339	Coating process	
•	CIO B. 1-20339	[ NASA-CASE-XNP-06508]	c18 N69-39895
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BABA, P, D,		Electrical connector	•
A method for making conductors for fe	rrite	[NASA-CASE-NPO-10694]	c09 N72-20200
memory arrays	·	Pressure transducer	
[NASA-CASE-LAR-10994-1]	c18 N73-30536	[NASA-CASE-NPO-10832] BAKER, E. H.	c14 №72-21405
DADD Do Do		Centrifuce mounted method at	
Method and apparatus for cryogenic wi	re	Centrifuge mounted motion simulat [NASA-CASE-XAC-00399]	or Patent
stripping Patent		BAKER, H. E.	c11 N70-34815
[NASA-CASE-HFS-10340]	c15 N71-17628	Omnidirectional joint Patent	
Self-balancing strain gage transducer	Patent	[NASA-CASE-INS-09635]	.05
[NASA-CASE-MFS-12827] HABBCKI, A. J.	c14 N71-17656	BAKER, R. L.	c05 N71-24623
Peen plating		Bidirectional step torque filter	with game
FW	a15	Package Characteristic Patent	OYCH X610
ACCEI, R.	C15 N73-32360	L MASA-CASE-XGS-Q42271	
Valve actuator Patent		BAKER, V. D.	c15 N71-21744
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ACHLE, C. B.		[ 0 4 0 0 0 0 0 0 0 0 1 0 1 0 1 0 1 0 1 0	c14 N71-20741
Mechanically extendible telescoping bo	oon	BARSTON, B.	
[NASA-CASE-NPO-11118]	03 N72-25021	Apparatus for the determination o	f the existance
DUIS o Fo Eo	•	or non-existence of a nonding h	etween two
Space simulation and radiative propert	ty testing	members bateur	
•	·	[ BASA-CASE-MFS-13686 ]	c15 N71-18132

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The state to the company and appropriate the	ing heam	between a pair of parallel reflectors Patent [NASA-CASE-XER-11203] c14 N71-28994
Particle beam measurement apparatus us kinetic energy to change the heat se	nsitive	BARTHLONE, D. R.
resistance of the detection probe P	atent	Space suit pressure stabilizer Patent
	14 N70-38602	[NASA-CASE-ILA-05332] c05 N71-11194 Equipotential space suit Patent
Apparatus for increasing ion engine be Patent	an acustel	[BASA-CASE-LAR-10007-1] c05 N71-11195
	28 N70-41576	BASIULIS, A.
ALES, T. T.		Method and apparatus for distillation of liquids Patent
Controlled glass bead peening Patent [NASA-CASE-XLA-07390] c	15 N71-18616	[NASA-CASE-XNP-08124] c15 N71-27184
Electrical resistance spot welding and		Radial heat flux transformer
techniques for metal bonding	15 N73-20535	[NASA-CASE-NPO-10828] c33 N72-17948 Method for distillation of liquids
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Caraca and and and and and and and and and an	03 N70-42073	Ultraviolet resonance lamp Patent [NASA-CASE-ARC-10030] c09 N71-12521
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	15 N71-17693	An apparatus for establishing flow of fluid mass
ANDINI, U. Out of tolerance warning alarm system	for	having a known velocity [NASA-CASE-MFS-21424-1] c12 N73-16248
plurality of monitored circuits Pat	ent	BATES, H. E.
[NASA-CASE-XMS-10984-1] c	10 N71-19417	Segmenting lead telluride-silicon germanium
ANKS, B. A.		thermoelements Patent [NASA-CASE-XGS-05718] c26 N71-16037
Ion beam deflector Patent [NASA-CASE-LEW-10689-1] c	:28 N71-26173	BATHKER, D. A.
Ion thruster accelerator system Paten	t_	bual frequency microwave reflex feed
	28 N71-26642	[NASA-CASE-NPO-13091-1] c09 N73-12214
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Sputtering holes with ion beamlets [NASA-CASE-LEW-11646-1] c	:28 N72-32760	EXClusive-Or digital logic module Patent
Dished ion thruster grids	.20 % 12 22 100	[NASA-CASE-XLA-07732] c08 N71-18751
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for a solar array [NASA-CASE-GSC-10344-1] clarger, R. L.	:03 u72-27053	distributing air flow from opposite directions [NASA-CASE-GSC-11445-1] c15 N72-28503 BAUERNSCHUB, J. P., JR.
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cards .	and distriction	BEDDIGHT, $J_{\bullet}$ $D_{\bullet}$ Hethod and apparatus for precision	ciging and
[NASA-CASE-NPO-11418-1]	c14 N73-13420	joining of large diameter tubes	Patent
BEAUREGARD, U. H.		[ NASA-CASE-XHP-05114 ]	c15 N71-17650
Hater separating system Patent [NASA-CASE-IMS-13052]	-40 874 00007	Hethod and apparatus for precision	sizing and
BECK, A. P.	c14 N71-20427	joining of large diameter tubes	
Small plasma probe Patent	•	[NASA-CASE-XMP-05114-3] Method and apparatus for precision	c15.N71-24865
[NASA-CASE-XLE-02578]	c25 N71-20747	joining of large diameter tubes	Patent
BECK, To Ro		[NASA-CASE-XMF-05114-2]	c15 N71-26148
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	c17 N71-16393	Method of making fiber composites	-40
BECKER, H. H.		[NASA-CASE-LEH-10424-2-2] BERG, O. E.	c18 N72-25539
Apparatus and method for applying	protective	Dust particle injector for hyperwe	locity
coatings [NASA-CASE-LAR-10362-1]		accelerators Patent	<b>-</b>
BECKER, R. A.	c15 N72-27486	[NASA-CASE-XGS-06628]	c24 N71-16213
Photoelectric energy spectrometer	Patent	Cosmic dust sensor [NASA-CASE-GSC-10503-1]	-40 450 00004
[NASA-CASE-INP-04161]	c14 N71-15599	BERGLUND, R. A.	c14 N72-20381
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Heat shield oven [NASA-CASE-XMS-04318]	c15 N69-27871	[NASA-CASE-XLA-00678]	c31 N70-34296
BECKEAN, P.	C12 N69-2/8/1	BERNARDIN, R. H.	
Probes having ring and primary sen	sor at same	Heasuring device Patent [NASA-CASE-XMS-01546]	c14 N70-40233
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currents in ionized gases [NASA-CASE-XLE-00690]	.0" ".0	Method of making silicon solar cell	array
BECKEITE, R. S.	c25 N69-39884	[ NASA-CASE-LEH-11069-1 ]	
Mechanical coordinate converter Pa	atent	BERNSEN, B. Electrical apparatus for detection	- C - A L
[NASA-CASE-XNP-00614]	c14 N70-36907	decomposition of insulation Pate	or thermal
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electromagnetic radiation [NASA-CASE-LEW-11159-1]	- 40 X72 00400	[NASA-CASE-INF-08217]	c03 N71-23239
BEHE, J. U.	c14 N73-28488	BESSETTE, R. J.	•
Solid propellant rocket motor		Space suit [NASA-CASE-MSC-12609-1]	AAE 1173 33043
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BELZE, R. R.	·	memory arrays	retrice
Thermal compensating structural mem [NASA-CASE-MFS-20433]	c15 N72-28496	[NASA-CASE-LAR-10994-1]	c18 N73-30536
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BELL, D., III		BIRNIEK, T.	
Heated element fluid flow sensor P [NASA-CASE-MSC-12084-1]	c12 N71-17569	Metal containing polymers from cycl	ic tetrameric 🧸
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Aromatic polyimide preparation		BILDERBACK, R. R.	c06 N71-27363
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<pre>Imidazopyrrolone/imide copolymers [NASA-CASE-XLA-08802]</pre>	Patent c06 N71-11238	Temperature controller for a fluid of	cooled garment
Dosimeter for high levels of absorb	ed radiation	[NASA-CASE-ARC-10599-1] BILLINGS, C. R.	CO5 #73-26071
Patent		Emergency escape system Patent	
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Infrared tunable laser	c09 N73-32111	magnesium oxide [NASA-CASE-NPO-10774]	c06 N72+17095
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gravitationally sensitive cavity r	eflector c16 N73-33397	Apparatus for producing high purity [NASA-CASE-LEW-10518-2]	I-123 C24 N72-28714
[NASA-CASE-ARC-10444-1] BILOW, N.		Production of high purity I+123	~70 N77-32604
Thiophenyl ether disiloxanes and tri useful as lubricant fluids	isiloxanes	[NASA-CASE-LEW-10518-1] Method of producing I-123	c24 N72-33681
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BINCKLEY, W. G. Voltage regulator with plural parall	lel power	Production of I-123 [NASA-CASE-LEW-11390-3]	c11 N73-28128
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[NASA-CASE-GSC-10891-1] BIRCHEHOUGH, A. G.	c10 N71-26626	BLUNE, H. C.	
Switching regulator	c09 N72-21243	Parametric amplifiers with idler cir [NASA-CASE-LAR-10253-1]	cuit feedback c09 N72-25258
[NASA-CASE-LEW-11005-1] BIRD, J. D.	CO9 R72-21243	Apparatus and method for applying pr	
Jet shoes	c05 N69-21380	coatings [NASA-CASE-LAR-10362-1]	c15 N72-27486
BISHOP, O. L.		BLUNRICH, J. F.	*****
Broadband choke for antenna structur [NASA-CASE-XMS-05303]	re c07 N69-27462	Pivotal shock absorbing pad assembly [NASA-CASE-XMF-03856]	c31 N70-34159
BISHOP, R. E.	••••••	Landing pad assembly for aerospace w	vehicles Patent c31 N70-36654
Optical alignment system Patent [NASA-CASE-XNP-02029]	c14 N70-41955	[NASA-CASE-XMP-02853] Double-acting shock absorber Patent	
BLACK, I. A.	3	[NASA-CASE-XMF-01045] Tank construction for space vehicles	c15 N70-40354
Apparatus for measuring thermal cond Patent	ancriatra	[NASA-CASE-XMF-01899]	c31 N70-41948
[NASA-CASE-XGS-01052]	c14 N71-15992	Docking structure for spacecraft Pa [NASA-CASE-IMF-05941]	tent c31 N71-23912
Full wave modulator-demodulator ampi	lifier	Omnidirectional wheel	
apparatus [NASA-CASE-FRC-10072-1]	c09 N74-14939	(NASA-CASE-MPS-21309-1) BLOTINGER, B.	c15 N74~18125
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BLACKABY, J. R. Temperature controller for a fluid of	cooled garment	Apparatus and method for generating flow of high temperature air at h	large mass ypersonic
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for wrenching Patent		BOER, K. W.	d radiation
[NASA-CASE-MFS-20586] Remote manipulator system	c15 N71-17686	<pre>High field CdS detector for infrare- [NASA-CASE-LAR-11027-1]</pre>	c14 N74-18088
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BOND, J. L. Hire grid forming apparatus Patent	Ultraviolet atomic emission detector
UNASA-CASE-XLE-000231 645 N70-22220	[NASA-CASE-HQN-10756-1] c14 N72-25428 BRAUBER, C. C., JR.
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Bugu, 6"	Color perception tester
Recoverable single stage spacecraft booster Patent [NASA-CASE-XHF-01973] c31 N70-41588	[NASA-CASE-KSC-10278] c05 N72-16015
BOODLEY, L. E.	Fluorinated esters of polycarboxylic acids
Connector strips-positive, negative and T tabs [MASA-CASE-XGS-01395] c03 N69-21539	[NASA-CASE-HFS-21040-1] c06 N73-30098
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Centrifugal hydrophobic separator	integrated circuit four-quadrant multiplier [NASA-CASE-HSC-13907-1] c10 N73-26230
[NASA-CASE-LAR-10194-1] c12 N72-11293 Air removal device	BREITHIESER, R.
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BOOTE, R. A.	Coaxial cable connector Patent [NASA-CASE-XNP-04732]
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BOSCO, G. B., JR.	Hass measuring system Patent [MASA-CASE-XMS-03371] CO5 N70-42000
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Data compression system with a minimum time delay unit Patent [NASA-CASE-INP-08832] c08 N71-12506 BOURR, K. F.	[NASA-CASE-XLA-02332] c32 N71-17609  BROCK, P. J.  Gauge calibration by diffusion  [NASA-CASE-XGS-07752] c18 N73-30390
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[NASA-CASE-MFS-14023] BURNHAH, D. C.	c33 N71-25351	BCD to decimal decoder Patent	
Method and apparatus for wavelen	ath tuning of	[NASA-CASE-XKS-06167]	c08 N71-24890
TIGUIC LASEIS	jon canting of	Video sync processor Patent [NASA-CASE-KSC-10002]	c10 N71-25865
[NASA-CASE-ERC-10187]	c16 N69-31343	Automatic frequency control loo	
BURNS, R. A. Ablative resin Patent		synchronous switching circuit	s
[NASA-CASE-XLE-05913]	c33 N71-14032	[NASA-CASE-KSC-10393] Digital servo controller	c09 N72-21247
BURNS, F. P.		[NASA-CASE-KSC-10769-1]	c09 N73-27153
Biomedical radiation detecting pr			043 11.3 27.132
[NASA-CASE-XMS-01177] BURNS, R. H.	c05 N71-19440	C	
High pulse rate high resolution of	optical radar	CABLE, C. U.	
system		Solar cell assembly test method	
[NASA-CASE-NPO-11426] BURNS, R. K.	c07 N73-26119	[ NASA-CASE-NPO-10401 ] .	c03 N72-20033
A protected isotope heat source		CABLE, W. L.	
[ NASA-CASE-LEH-11227-1]	c33 <b>N71-</b> 35153	Notary solenoid shutter drive a rotary inertia damper and sto	ssembly and n plate accomble
BURROUS, C. H.		[NASA-CASE-GSC-11560-1]	c09 N74-20861
Temperature compensated light sou light emitting diode	arce using a	CACOSSA, R. A.	
[ NASA-CASE-ARC-10467-11	c09 N73-14214	Method of detecting impending some magnetic cores	aturation of
BURROSS, D. L.	-	[ NASA-CASE-ERC-10089]	c23 N72-17747
Insulating structure Patent		CAHILL, N. B.	
[NASA-CASE-XMF-00341] BUBTON, D. R.	c15 N70-33323	Positive locking check valve Pa	
Garments for controlling the temp	erature of the	[NASA-CASE-INS-09310] CALADDEO, J. B.	c15 N71-22706
body Patent		Resilient wheel Patent	•
[NASA-CASE-XMS-10269]	c05 N71-24147	[ NASA-CASE-MFS-13929 ]	c15 N71-27091
BURTON, H. A. Endless tape cartridge Patent		CALLAHAN, D. R.	
[ NASA-CASE-XGS-00769]	c14 N70-41647	Solid state television camera sp [NASA-CASE-XMF-06092]	
Annular slit colloid thrustor Pa	tent	CALVERT, H. P.	c07 N71-24612
[NASA-CASE-GSC-10709-1] BUSERANN, A.	c28 N71-25213	Modification and improvements to	cooled blades
Plasma accelerator Patent		Patent	•
[NASA-CASE-XLA-00675-]	c25 N70-33267	[NASA-CASE-XLE-00092] CAMACHO, S. L.	c15 N70-33264
SUTLER, D. H.		Protective circuit of the spark	gap type
Miniature vibration isolator Pat [MASA-CASE-XLA-01019]		[ MASA-CASE-XAC-08981]	ี่ coo №69-39897
Radio frequency filter device	c15 N70-40156	CAHBRA, J. H.	
[ NASA-CASE-XLA-02609 ]	c09 N72-25256	Overvoltage protection network [NASA-CASE-ARC-10197-1]	-00 N28-47020
BUTLER, P., JR.		CAHP, D. H.	c09 N74-17929
Oxygen production method and appa [NASA-CASE-MSC-12332-1]	ratus	Anemometer with braking mechanis	m Patent
BUTHAN S.	c15 N72-15476	[NASA-CASE-MHF-05224]	c14 N71-23726
Signal phase estimator		Haxometers (peak wind speed anem [NASA-CASE-MFS-20916]	Ometers)
[NASA-CASE-NPO-11203]	c10 N72-20224	Canr to L.	•
Multichannel telemetry system [NASA-CASE-NPO-11572]	c07 N73-16121	Automatic signal range selector	for metering
Receiver with an improved phase 1	ock loop in a	devices Patent [BASA-CASE-XHS-06497]	
multichannel telemetry system w	ith suppressed	CAMPBELL, B. A.	c14 N71-26244
carrier [NASA-CASE-NPO-11593-1]	-07 "70 00040	Epoxy-aziridine polymer product	Patent
BUZZARD, R. J.	c07 N73-28012	[NASA-CASE-NPO-10701]	c06 N71-28620
Radial heat flux transformer		CAMPBELL, C. C., JR. Discrete local altitude sensing	device Patent
[NASA-CASE-NPO-10828]	c33 N72-17948	L NASA-CASE-XXS-037921	c14 N70-41812
EYERS, D. C. Electrostatic thrustor with impro-	red inculations	CHRARETT Do Ko	
Patent	ved Insulators	Time division radio relay synchr	onizing system
[NASA-CASE-XLE-01902]	c28 N71-10574	using different sync code word and out of sync conditions Pa	s for in sync
Sputtering holes with ion beamlet:		[ NASA-CASE-GSC-10373-1]	c07 ≥71-19773
[NASA-CASE-LEW-11646-1] BYDUH, B. G.	c28 N72-32760	CAMPBRLL, P. D.	•
Response analyzers for sensors Pa	atent	Radiant source tracker independe nonconstant irradiance	nt of
[NASA-CASE-MFS-11204]	c14 N71-29134	[NASA-CASE-NPO-11686]	c14 N73-25462
Ergometer [NASA-CASE-MFS-21109-1]	- 05 NBO 05054	CAMPBELL, G. E.	_
BYRD, A. H.	c05 N73-27941	Self-recording portable soil pen	
Heat pipe thermionic diode power a	system Patent	[NASA-CASE-MFS-20774] CAUPBELL, G. G.	c14 N73-19420
[NASA-CASE-XMF-05843]	c03 N71-11055	Method and system for respiration	n Analysis Datont
Power system with heat pipe liquid	d coolant lines	LNASA-CASE-XPR-08403 ]	c05 N71-11202
[NASA-CASE-MFS-14114-2]	c09 N71-24807	CAEPBELL, J. G.	
Isothermal cover with thermal rese	ervoirs Patent	Bultislot film cooled pyrolytic of nozzle Patent	graphite rocket
[ NASA-CASE-MFS-20355]	c33 N71-25353	[ NASA-CASE-KNP-04389 ]	c28 N71-20942
Pover system with heat pipe liquid Patent	coolant lines	Tube sealing device Patent	220, 111, 20342
[NASA-CASE-MFS-14114]	c33 N71-27862	[NASA-CASE-NPO-10431]	c15 N71-29132
Thermoelectric power system		CAMPBELL, R. A. Redundant hydraulic control systematic control systematic control systematic control systematic control systematics.	en for antwares
[NASA-CASE-MFS-22002-1]	c03 N74-18726	[ MASA-CASE-RPS-20944 ]	c15 N73-13466
BYRD, J. D. Elastomeric silazane polymers and	Drocess for	CABPBELL, R. G.	
preparing the same Patent	ATACGED TAE	Omnidirectional slot antenna for	mounting on
[nasa-case-imp-04133]	c06 N71-20717	cylindrical space vehicle [WASA-CASE-LAR-10163-1]	c09 N72-25247
BYED, S. B.  Thermally conductive nelware		CAUCRO, C. A.	
Thermally conductive polymers [NASA-CASE-GSC-11304-1]	c06 N72-21105	Low power drain semi-conductor ci	
•		[NASA-CASE-XGS-04999]	CO9 N69-24317

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Wide range data compression system Patent	t CARPINI, T. D. N71-19435 Flow velocity and directional instrument	
		3-13415
passive synchronized spike generator with		
input impedance and low output impedance	Split nut separation system Patent	
capacitor power supply Fatent [NASA-CASE-XGS-03632] c09 N		1~21489
Fast response low power drain logic circui		
[NASA-CASE-GSC-10878-1] C10 N	N72-22236 Stabilized zinc oxide coating compositions	Patent
[ man that are		1-26772
CANICATTI, C. L.	CARSON, J. W.	•
Voltage monitoring system [NASA-CASE-KSC-10736-1] c09 N	N73-23290 Quasi-optical microwave component Patent	
funch ones are		1-29065
CANNING, T. N. Shock-layer radiation measurement	CARSON, P. R.	
[NASA-CASE-XAC-02970] C14 N	N69-39896 Array phasing device Patent	
Hypervelocity qun Patent	[NASA-CASE-ERC-10046] c10 N7	1-18722
[NASA-CASE-XAC-05902] C11 N	N71-18578 CARSON, W. H., JR.	
Heater-mixer for stored fluids	Didymium hydrate additive to mickel hydroxi	de
[NASA-CASE-ABC-10442-1] C14 N	N74-15093 electrodes Patent	
Bimetallic fluid displacement apparatus	[NASA-CASE-XGS-03505] c03 H7	1-10608
[NASA-CASE-ARC-10441-1] c15 N	N74-15126 CARTER, A. F.	
CANTOR, C.	Plasma accelerator Patent	
Attitude control system Patent		0-33267
[NASA-CASE-XGS-04393] C21 N	N71-14159 Method and apparatus for producing a plasma	Patent
Amplifier clamping circuit for horizon sca	anner [NASA-CASE-XLA-00147] c25 N7	0-34661
Patent	CARTER, F. K.	
	N71-20782 Emergency earth orbital escape device	
Roll alignment detector	[ NASA-CASE-MSC-13281 ] C31 N7	2-18859
	N72-20379 CARUSO, A. J.	
CABVEL, H.	Sorption vacuum trap Patent	
Video communication system and apparatus I		1-18483
[NASA-CASE-XNP-06611] CO7 N	N71-26102 CASB, H. C.	
CAPLETTE, R. K.	Space suit	
Current steering commutator	<b>C</b> ***** **** **** **** ****	3-32012
[NASA-CASE-NPO-10743] COS N	N72-21199 CASEY, L. O.	
CAPPS, J. B.	Electrical load protection device Patent	
Two-step rocket engine bipropellant valve	[ [ man verm men verm	1-12526
[NASA-CASE-XMS-04890-1] C15 B	N70-22192 CASHION, K. D.	
CAREN, R. P.	Solar optical telescope dome control system	
Dual solid cryogens for spacecraft refrige	[222 4:22 4:4	1-19568
Patent	Radiation detector readout system Patent	4 24000
[ NA SA-CASE-GSC-10188-1 ] C23 1	N71-24725 [NASA-CASE-XES-03478] C14 N/	1-21040
CARL, C.	CARNII I O	
Apparatus for deriving synchronizing pulse	es from CAUDILL, L. O. Tations Long range laser traversing system	
pulses in a single channel PCM communica	[NASA-CASE-GSC-11262-1] c16 N7	4-21091
		4 2107
system		
[NASA-CASE-NPO-11302-1] CO7 1	N73-13149 CECCON, H. L.	
[NASA-CASE-NPO-11302-1] C07 Method and apparatus for a single channel	N73-13149 CRCCON, H. L. Optical pump and driver system for lasers	12-25485
[WASA-CASE-NPO-11302-1] COT Method and apparatus for a single channel digital communications system	N73-13149 CRCCON, H. L. Optical pump and driver system for lasers [NASA-CASE-ERC-10283] c16 N7	2-25485
[NASA-CASE-NPO-11302-1] c07 Method and apparatus for a single channel digital communications system [NASA-CASE-NPO-11302-2] c07 Method (NASA-CASE-NPO-11302-2) c07 Method (NASA-CASE-NPO-11302-1) c07 Method (NASA-CASE-NPO-11302-	N73-13149 CRCCON, H. L. Optical pump and driver system for lasers [NASA-CASE-ERC-10283] c16 N7 N74-10132 CEPOLLINA, P. J.	72-25485
[NASA-CASE-NPO-11302-1] c07 Nethod and apparatus for a single channel digital communications system [NASA-CASE-NPO-11302-2] c07 Noigital second-order phase-locked loop	N73-13149  CRCCON, H. L.  Optical pump and driver system for lasers [NASA-CASE-ERC-10283]  N74-10132  CRPOLLINA, P. J.  Strain gauge measuring techniques Patent	
[NASA-CASE-NPO-11302-1] c07 Nethod and apparatus for a single channel digital communications system [NASA-CASE-NPO-11302-2] c07 Notes to the cond-order phase-locked loop [NASA-CASE-NPO-11905-1] c08 Notes to the cond-order phase-locked loop	N73-13149  CRCCON, H. L.  Optical pump and driver system for lasers [NASA-CASE-ERC-10283]  N74-10132  CRPOLLINA, P. J.  Strain gauge measuring techniques Patent	/2-25485 /1-24233
[NASA-CASE-NPO-11302-1] C07 Method and apparatus for a single channel digital communications system [NASA-CASE-NPO-11302-2] C07 Migital second-order phase-locked loop [NASA-CASE-NPO-11905-1] C08 Migital CASE-NPO-11905-1]	CRCCON, H. L. Optical pump and driver system for lasers [NASA-CASE-ERC-10283] c16 N7 N74-10132 CEPOLLINA, P. J. Strain gauge measuring techniques Patent [NASA-CASE-IGS-04478] c14 N7 CHAFFEE, V. H.	
[NASA-CASE-NPO-11302-1] c07 Method and apparatus for a single channel digital communications system [NASA-CASE-NPO-11302-2] c07 Method second-order phase-locked loop [NASA-CASE-NPO-11905-1] c08 Method second solution conditioned suit	CRCCON, H. L. Optical pump and driver system for lasers [NASA-CASE-ERC-10283] c16 N7 N74-10132 CEPOLLINA, P. J. Strain gauge measuring techniques Patent [NASA-CASE-XGS-04478] c14 N7 CHAFFEE, W. H. Oxygen production method and apparatus	1-24233
[NASA-CASE-NPO-11302-1] C07 Nethod and apparatus for a single channel digital communications system [NASA-CASE-NPO-11302-2] C07 Nethod second-order phase-locked loop [NASA-CASE-NPO-11905-1] C08 Nethod second sout [NASA-CASE-LAR-10076-1] C05 Nethod second	CRCCON, H. L. Optical pump and driver system for lasers [NASA-CASE-ERC-10283] c16 N7 N74-10132 CEPOLLINA, P. J. Strain gauge measuring techniques Patent [NASA-CASE-XGS-04478] c14 N7 CHAFFRE, W. H. Oxygen production method and apparatus [NASA-CASE-MSC-12332-1] c15 N7	
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[NASA-CASE-NPO-11302-1] c07 Method and apparatus for a single channel digital communications system [NASA-CASE-NPO-11302-2] c07 Method and second-order phase-locked loop [NASA-CASE-NPO-11905-1] c08 Method and suit [NASA-CASE-LAR-10076-1] c05 Method and apparatus for controllably heat fluid Patent	CBCCON, H. L. Optical pump and driver system for lasers [NASA-CASE-ERC-10283] c16 N7 N74-10132 CBPOLLINA, P. J. Strain gauge measuring techniques Patent [NASA-CASE-XGS-04478] c14 N7 CHAPPEE, E. H. Oxygen production method and apparatus [NASA-CASE-HSC-12332-1] c15 N7 CHAMBERLAIN, P. R. Optical binocular scanning apparatus [NASA-CASE-NPO-11002] c14 N7	71-24233 72-15476
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[NASA-CASE-NPO-11302-1] C07 Method and apparatus for a single channel digital communications system [NASA-CASE-NPO-11302-2] C07 Method and specific phase-locked loop [NASA-CASE-NPO-11905-1] C08 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMF-04237] C33 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMF-04237] C33 Method and apparatus for controllably head fluid Patent	CRCCON, H. L.  Optical pump and driver system for lasers [NASA-CASE-ERC-10283] c16 N7  N74-10132  CBPOLLINA, P. J. Strain gauge measuring techniques Patent [NASA-CASE-XGS-04478] c14 N7  CHAPPEE, W. H.  Oxygen production method and apparatus [NASA-CASE-HSC-12332-1] c15 N7  CHAMBERLAIN, P. R. Optical binocular scanning apparatus [NASA-CASE-NPO-11002] c14 N7  CHAMBERS, A. B.	71-24233 72-15476 72-22441
[NASA-CASE-NPO-11302-1] C07 Method and apparatus for a single channel digital communications system [NASA-CASE-NPO-11302-2] C07 Method and special second-order phase-locked loop [NASA-CASE-NPO-11905-1] C08 Method and suit [NASA-CASE-LAR-10076-1] C05 Method and apparatus for controllably head fluid Patent [NASA-CASE-XHF-04237] C33 Method and Second Se	CBCCON, H. L. Optical pump and driver system for lasers [NASA-CASE-ERC-10283] c16 N7  CBPOLLINA, P. J. Strain gauge measuring techniques Patent [NASA-CASE-IGS-04478] c14 N7  CHAFFEE, W. H. Oxygen production method and apparatus [NASA-CASE-HSC-12332-1] c15 N7  CHAMBERIAIN, P. R. Optical binocular scanning apparatus [NASA-CASE-NPO-11002] c14 N7  CHAMBERS, A. B. Temperature controller for a fluid cooled of	71-24233 72-15476 72-22441
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[NASA-CASE-NPO-11302-1] C07 Method and apparatus for a single channel digital communications system [NASA-CASE-NPO-11302-2] C07 Method and specific phase-locked loop [NASA-CASE-NPO-11905-1] C08 Method and specific phase-locked loop [NASA-CASE-LAR-10076-1] C05 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMF-04237] C33 Method and specific phase-CASE-XMF-04237] Method and specific phase-XMF-04237] Meth	CBCCON, H. L. Optical pump and driver system for lasers [NASA-CASE-ERC-10283] c16 N7 N74-10132 CBPOLLINA, P. J. Strain gauge measuring techniques Patent [NASA-CASE-XGS-04478] c14 N7 CHAPPEE, W. H. Oxygen production method and apparatus [NASA-CASE-NSC-12332-1] c15 N7 CHAMBERIAIN, P. R. Optical binocular scanning apparatus [NASA-CASE-NPO-11002] c14 N7 CHAMBERS, A. B. Tenperature controller for a fluid cooled [NASA-CASE-ARC-10599-1] c05 N7 CHANDER, J. A. Discrete local altitude sensing device Pate	71-24233 72-15476 72-22441 garment 73-26071
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[NASA-CASE-NPO-11302-1] C07 Method and apparatus for a single channel digital communications system [NASA-CASE-NPO-11302-2] C07 Method system [NASA-CASE-NPO-11302-2] C08 Method system [NASA-CASE-NPO-11905-1] C08 Method system [NASA-CASE-NPO-11905-1] C08 Method system [NASA-CASE-LAR-10076-1] C05 Method and apparatus for controllably heat fluid Patent [NASA-CASE-XMF-04237] C33 Method system [NASA-CASE-XMF-04237] C34 Method system [NASA-CASE-XMF-04237] C37 Method system [NASA-CASE-XMR-04451] C02 Method system [NASA-CASE-XMA-04451] C02 Method system [NASA-CASE-XMA	CBCCON, H. L. Optical pump and driver system for lasers [NASA-CASE-ERC-10283] c16 N7 N74-10132 CBPOLLINA, P. J. Strain gauge measuring techniques Patent [NASA-CASE-XGS-04478] c14 N7 CHAPPEE, W. H. Oxygen production method and apparatus [NASA-CASE-MSC-12332-1] c15 N7 CHAMBERIAIN, P. R. Optical binocular scanning apparatus [NASA-CASE-NPO-11002] c14 N7 CHAMBERS, A. B. Temperature controller for a fluid cooled of [NASA-CASE-ARC-10599-1] c05 N7 CHAMDLER, J. A. Discrete local altitude sensing device Pate [NASA-CASE-NNS-03792] c14 N7 Line cutter Patent [NASA-CASE-NNS-04072] c15 N7	71-24233 72-15476 72-22441 garment 3-26071
[NASA-CASE-NPO-11302-1] C07 Nethod and apparatus for a single channel digital communications system [NASA-CASE-NPO-11302-2] C07 Nethod loop [NASA-CASE-NPO-11905-1] C08 Nethod loop [NASA-CASE-NPO-11905-1] C08 Nethod loop [NASA-CASE-LAR-10076-1] C05 Nethod loop [NASA-CASE-LAR-10076-1] C05 Nethod loop [NASA-CASE-LAR-10076-1] C05 Nethod loop [NASA-CASE-NFO-04237] C33 Nethod loop [NASA-CASE-NFO-04237] C33 Nethod loop [NASA-CASE-NFO-04237] C37 Nethod loop [NASA-CASE-NFO-04237] C07 Nethod loop [NASA-CASE-NFO-04237] C07 Nethod loop [NASA-CASE-NFO-04237] C07 Nethod loop [NASA-CASE-NFO-04451] C02 Nethod loop [NASA-CASE-NAD-04451] C02 Nethod l	CBCCON, H. L. Optical pump and driver system for lasers [NASA-CASE-ERC-10283] c16 N7 N74-10132 CBPOLLINA, P. J. Strain gauge measuring techniques Patent [NASA-CASE-XGS-04478] c14 N7 CHAPPEE, W. H. Oxygen production method and apparatus [NASA-CASE-MSC-12332-1] c15 N7 CHAMBERIAIN, P. R. Optical binocular scanning apparatus [NASA-CASE-NPO-11002] c14 N7 CHAMBERS, A. B. Temperature controller for a fluid cooled of [NASA-CASE-ARC-10599-1] c05 N7 CHAMDLER, J. A. Discrete local altitude sensing device Pate [NASA-CASE-NNS-03792] c14 N7 Line cutter Patent [NASA-CASE-NNS-04072] c15 N7	71-24233 72-15476 72-22441 garment 33-26071 ent 70-41812
[NASA-CASE-NPO-11302-1] C07 Method and apparatus for a single channel digital communications system [NASA-CASE-NPO-11302-2] C07 Method and specific phase-locked loop [NASA-CASE-NPO-11905-1] C08 Method and specific phase-locked loop [NASA-CASE-LAR-10076-1] C05 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMF-04237] C33 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMF-04237] C33 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMF-04237] C33 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMF-04237] C33 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMF-04237] C33 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMF-04237] C33 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMF-04237] C02 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMR-04237] C02 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMR-04237] C02 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMR-04237] C03 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMR-04237] C03 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMR-04237] C05 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMR-04237] C05 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMR-04237] C05 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMR-04237] C05 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMR-04237] C05 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMR-04237] C05 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMR-04237] C05 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMR-04237] C05 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMR-04237] C05 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMR-04237] C05 Method and apparatus for controllably head fluid Patent [NASA-CA	CBCCON, H. L.  Optical pump and driver system for lasers [NASA-CASE-ERC-10283] c16 N7  N74-10132  CBPOLLINA, P. J.  Strain gauge measuring techniques Patent [NASA-CASE-IGS-04478] c14 N7  CHAFFEE, W. H.  Oxygen production method and apparatus [NASA-CASE-NSC-12332-1] c15 N7  CHAMBERLAIN, P. R.  Optical binocular scanning apparatus [NASA-CASE-NPO-11002] c14 N7  CHAMBERS, A. B.  Temperature controller for a fluid cooled of [NASA-CASE-NPC-10599-1] c05 N7  CHAMDLER, J. A.  Discrete local altitude sensing device Patent [NASA-CASE-NBS-03792] c14 N7  Line cutter Patent [NASA-CASE-NBS-04072] c15 N7  Spacecraft radiator cover Patent [NASA-CASE-NBS-12049] c31 N7	71-24233 72-15476 72-22441 garment 73-26071 ent 70-41812 70-42017 71-16080
[NASA-CASE-NPO-11302-1] C07 Method and apparatus for a single channel digital communications system [NASA-CASE-NPO-11302-2] C07 Method and special second-order phase-locked loop [NASA-CASE-NPO-11905-1] C08 Method and special second-order phase-locked loop [NASA-CASE-LAR-10076-1] C05 Method and apparatus for controllably head fluid Patent [NASA-CASE-XHF-04237] C33 Method and apparatus for controllably head fluid Patent [NASA-CASE-XHF-04237] C33 Method and apparatus for controllably head fluid Patent [NASA-CASE-XHF-04237] C33 Method and apparatus for controllably head fluid Patent [NASA-CASE-XHF-04237] C33 Method and apparatus for controllably head fluid Patent [NASA-CASE-XHF-04237] C33 Method and apparatus for controllably head fluid Patent [NASA-CASE-XHF-04237] C33 Method and apparatus for controllably head fluid Patent [NASA-CASE-XHF-04237] C33 Method apparatus for controllably head fluid Patent [NASA-CASE-XHR-04237] C33 Method apparatus for controllably head fluid Patent [NASA-CASE-XHR-04237] C33 Method apparatus for controllably head fluid Patent [NASA-CASE-XHR-04237] C33 Method apparatus for controllably head fluid Patent [NASA-CASE-XHR-04237] C33 Method apparatus for controllably head fluid Patent [NASA-CASE-XHR-04237] C33 Method apparatus for controllably head fluid Patent [NASA-CASE-XHR-04237] C33 Method apparatus for controllably head fluid Patent [NASA-CASE-XHR-04237] C33 Method apparatus for controllably head fluid Patent [NASA-CASE-XHR-04237] C33 Method apparatus for controllably head fluid Patent [NASA-CASE-XHR-04237] C33 Method apparatus for controllably head fluid Patent [NASA-CASE-XHR-04237] C33 Method apparatus for controllably head fluid Patent [NASA-CASE-XHR-04237] C33 Method apparatus for controllably head fluid Patent [NASA-CASE-XHR-04237] C33 Method apparatus for controllably head fluid Patent [NASA-CASE-XHR-04237] C33 Method apparatus for controllably head fluid Patent [NASA-CASE-XHR-04237] C33 Method apparatus for controllably head fluid Patent [NASA-CASE-XHR-04237] C33 Method apparatus f	CBCCON, H. L.  Optical pump and driver system for lasers [NASA-CASE-ERC-10283] c16 N7  N74-10132  CBPOLLINA, P. J.  Strain gauge measuring techniques Patent [NASA-CASE-IGS-04478] c14 N7  CHAFFEE, W. H.  Oxygen production method and apparatus [NASA-CASE-NSC-12332-1] c15 N7  CHAMBERLAIN, P. R.  Optical binocular scanning apparatus [NASA-CASE-NPO-11002] c14 N7  CHAMBERS, A. B.  Temperature controller for a fluid cooled of [NASA-CASE-NPC-10599-1] c05 N7  CHAMDLER, J. A.  Discrete local altitude sensing device Patent [NASA-CASE-NBS-03792] c14 N7  Line cutter Patent [NASA-CASE-NBS-04072] c15 N7  Spacecraft radiator cover Patent [NASA-CASE-NBS-12049] c31 N7	71-24233 72-15476 72-22441 garment 73-26071 ent 70-41812 70-42017 71-16080
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[NASA-CASE-NPO-11302-1] C07 Method and apparatus for a single channel digital communications system [NASA-CASE-NPO-11302-2] C07 Migital second-order phase-locked loop [NASA-CASE-NPO-11905-1] C08 Migital Second-order phase-locked loop [NASA-CASE-NRF-10076-1] C05 Migital Second-order phase-locked loop [NASA-CASE-NF-04237] C05 Migital Second-order loop [NASA-CASE-NF-04237] C33 Migital Second-order loop [NASA-CASE-NF-04237] C07 Migital Second-order loop [NASA-CASE-NF-04451] C02 Migital Second-order loop [NASA-CASE-NF-04451] C02 Migital Second-order loop [NASA-CASE-NF-04451] C02 Migital Second-order loop [NASA-CASE-NF-0435] C06 Migital Second-order loop [NASA-CASE-NF-13530-2] C07 M	CBCCON, H. L.  Optical pump and driver system for lasers [NASA-CASE-ERC-10283] c16 N7  CBPOLLINA, P. J.  Strain gauge measuring techniques Patent [NASA-CASE-XGS-04478] c14 N7  CHAPPEE, W. H.  Oxygen production method and apparatus [NASA-CASE-NSC-12332-1] c15 N7  CHAMBERIAIN, P. R.  Optical binocular scanning apparatus [NASA-CASE-NPO-11002] c14 N7  CHAMBERS, A. B.  Temperature controller for a fluid cooled of [NASA-CASE-NPC-10599-1] c05 N7  CHANDLER, J. A.  Discrete local altitude sensing device Patent [NASA-CASE-NBS-03792] c14 N7  Line cutter Patent [NASA-CASE-NBS-04072] c15 N7  Winch having cable position and load indicatent [NASA-CASE-NBSC-12052-1] c15 N7  Winch having cable position and load indicatent [NASA-CASE-NBSC-12052-1] c15 N7	71-24233 72-15476 72-22441 garment 3-26071 ent 70-41812 70-42017 71-16080
[NASA-CASE-NPO-11302-1] C07 Method and apparatus for a single channel digital communications system [NASA-CASE-NPO-11302-2] C07 Migital second-order phase-locked loop [NASA-CASE-NPO-11905-1] C08 Migital second-order phase-locked loop [NASA-CASE-LAR-10076-1] C05 Migital second-order phase-locked loop [NASA-CASE-NFO-01] C05 Migital second-order second-order loop [NASA-CASE-NFO-04237] C33 Migital second-order loop [NASA-CASE-NFO-04237] C33 Migital second-order loop [NASA-CASE-NFO-04237] C07	CBCCON, H. L. Optical pump and driver system for lasers [NASA-CASE-ERC-10283] c16 N7  CBPOLLINA, P. J. Strain gauge measuring techniques Patent [NASA-CASE-IGS-04478] c14 N7  CHAPPER, W. H. Oxygen production method and apparatus [NASA-CASE-HSC-12332-1] c15 N7  CHAMBERLAIN, P. R. Optical binocular scanning apparatus [NASA-CASE-NPO-11002] c14 N7  CHAMBERS, A. B. Temperature controller for a fluid cooled of [NASA-CASE-ARC-10599-1] c05 N7  CHANDLER, J. A. Discrete local altitude sensing device Patent [NASA-CASE-NWS-03792] c14 N7  Line cutter Patent [NASA-CASE-NS-04072] c15 N7  Spacecraft radiator cover Patent [NASA-CASE-MSC-12049] c31 N7 Winch having cable position and load indicated patent [NASA-CASE-MSC-12052-1] c15 N7  SS CHANDLER, W. A. CHANDLER, W. A.	71-24233 72-15476 72-22441 garment 3-26071 ent 70-41812 70-42017 71-16080
[NASA-CASE-NPO-11302-1] C07 Method and apparatus for a single channel digital communications system [NASA-CASE-NPO-11302-2] C07 Method and special second-order phase-locked loop [NASA-CASE-NPO-11905-1] C08 Method and special second-order phase-locked loop [NASA-CASE-LAR-10076-1] C05 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMF-04237] C33 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMF-04237] C33 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMF-04237] C33 Method and apparatus for controllably head fluid Patent [NASA-CASE-XMF-04237] C33 Method and method and apparatus for controllably head fluid Patent [NASA-CASE-XMF-04237] C33 Method and method and apparatus for controllably head fluid Patent [NASA-CASE-XMF-04237] C37 Method and method apparatus for controllably head fluid Method and method apparatus for heating gases Patent and Sealer for heating gases Patent and Method and Method apparatus for heating gases Patent and Method a	CBCCON, H. L.  Optical pump and driver system for lasers [NASA-CASE-ERC-10283] c16 N7  CEPOLLINA, P. J.  Strain gauge measuring techniques Patent [NASA-CASE-IGS-04478] c14 N7  CHAFFEE, W. H.  Oxygen production method and apparatus [NASA-CASE-MSC-12332-1] c15 N7  CHAMBERLAIN, P. R.  Optical binocular scanning apparatus [NASA-CASE-RPO-11002] c14 N7  CHAMBERS, A. B.  Temperature controller for a fluid cooled of [NASA-CASE-ARC-10599-1] c05 N7  CHANDLER, J. A.  Discrete local altitude sensing device Pate [NASA-CASE-MS-04072] c15 N7  Spacecraft radiator cover Patent [NASA-CASE-MSC-12089] c31 N7  N73-11107 Patent [NASA-CASE-MSC-12052-1] c15 N7  SS N69-21854 CHAMDLER, W. A.  Cryogenic storage system Patent	71-24233 72-15476 72-22441 yarment 73-26071 ent 70-41812 70-42017 71-16080 ators 71-24599
[NASA-CASE-NPO-11302-1] C07 Method and apparatus for a single channel digital communications system [NASA-CASE-NPO-11302-2] C07 Method and apparatus for controllably heat [NASA-CASE-NPO-11905-1] C08 Method and apparatus for controllably heat fluid Patent [NASA-CASE-XMF-04237] C33 Method and apparatus for controllably heat fluid Patent [NASA-CASE-XMF-04237] C33 Method and apparatus for controllably heat fluid Patent [NASA-CASE-XMF-04237] C33 Method and apparatus for controllably heat fluid Patent [NASA-CASE-XMF-04237] C33 Method and apparatus for controllably heat fluid Patent [NASA-CASE-XMF-04237] C33 Method and apparatus for controllably heat fluid Patent [NASA-CASE-XMF-04237] C07 Method and apparatus for controllably heat fluid Patent [NASA-CASE-XMF-09213] C07 Method and method fluid Gase-CASE-XMF-09386] C25 Method and Method of making same	CBCCON, H. L.  Optical pump and driver system for lasers [NASA-CASE-ERC-10283] c16 N7  CBPOLLINA, P. J.  Strain gauge measuring techniques Patent [NASA-CASE-IGS-04478] c14 N7  CHAFFEE, W. H.  Oxygen production method and apparatus [NASA-CASE-MSC-12332-1] c15 N7  CHAMBERLAIN, P. R.  Optical binocular scanning apparatus [NASA-CASE-NPO-11002] c14 N7  CHAMBERS, A. B.  Temperature controller for a fluid cooled of [NASA-CASE-NPC-10599-1] c05 N7  CHAMDLER, J. A.  Discrete local altitude sensing device Patent [NASA-CASE-XMS-03792] c14 N7  Line cutter Patent [NASA-CASE-XMS-04072] c15 N7  Spacecraft radiator cover Patent [NASA-CASE-MSC-12049] c31 N7  Winch having cable position and load indicatent [NASA-CASE-MSC-12052-1] c15 N7  CHAMDLER, W. A.  Cryogenic storage system Patent [NASA-CASE-XMS-04390] c31 N7	71-24233 72-15476 72-22441 garment 3-26071 ent 70-41812 70-42017 71-16080
[NASA-CASE-NPO-11302-1] C07 Method and apparatus for a single channel digital communications system [NASA-CASE-NPO-11302-2] C07 Migital second-order phase-locked loop [NASA-CASE-NPO-11905-1] C08 Migital second-order phase-locked loop [NASA-CASE-LAR-10076-1] C05 Migital second-order loop [NASA-CASE-LAR-10076-1] C05 Migital second-order loop [NASA-CASE-NHF-04237] C33 Migital second-order loop [NASA-CASE-NHF-04237] C33 Migital second-order loop [NASA-CASE-NHF-04237] C33 Migital second-order loop [NASA-CASE-NHF-0423] C07 Migital second-order loop [NASA-CASE-NHSC-13530-2] C06 Migital second-order loop [NASA-CASE-NHSC-13530-2] C06 Migital second-order loop [NASA-CASE-NHF-09386] C15 Migital second-o	CBCCON, H. L.  Optical pump and driver system for lasers [NASA-CASE-ERC-10283] c16 N7  CBPOLLINA, P. J.  Strain gauge measuring techniques Patent [NASA-CASE-IGS-04478] c14 N7  CHAFFEE, W. H.  Oxygen production method and apparatus [NASA-CASE-MSC-12332-1] c15 N7  CHAMBERLAIN, P. R.  Optical binocular scanning apparatus [NASA-CASE-NPO-11002] c14 N7  CHAMBERS, A. B.  Temperature controller for a fluid cooled of [NASA-CASE-ARC-10599-1] c05 N7  CHAMDLER, J. A.  Discrete local altitude sensing device Patent [NASA-CASE-IMS-03792] c15 N7  Spacecraft radiator cover Patent [NASA-CASE-IMS-04072] c15 N7  N73-11107 patent [NASA-CASE-IMS-12052-1] c15 N7  CHAMDLER, W. A.  Cryogenic storage system Patent [NASA-CASE-IMS-04390] c31 N7  CHAPHAN, C. P.  Switching circuit Patent	71-24233 72-15476 72-22441 yarment 73-26071 ent 70-41812 70-42017 71-16080 ators 71-24599
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[NASA-CASE-NPO-11302-1] CO7 Method and apparatus for a single channel digital communications system [NASA-CASE-NPO-11302-2] CO7 Migital second-order phase-locked loop [NASA-CASE-NPO-11905-1] CO8 MIGITAL COSE CABL, G. R.  Air conditioned suit [NASA-CASE-LAR-10076-1] CO5 MIGITAL COSE CABLISLE, T. E.  Method and apparatus for controllably head fluid Patent [NASA-CASE-XMF-04237] C33 MIGITAL COSE CABLSON, A. W.  Pulse-width modulation multiplier Patent [NASA-CASE-XHF-04237] C07 MIGITAL CO7 MIGITAL COSE CABLSON, R. W.  Supersonic aircraft Patent [NASA-CASE-XLA-04451] C02 MIGITAL CASE-XLA-00319] C25 MIGITAL CASE-XLA-00319] C25 MIGITAL COSE M	CBCCOM, B. L.  Optical pump and driver system for lasers  [NASA-CASE-ERC-10283] c16 N7  N74-10132  CEPOLLIHA, P. J.  Strain gauge measuring techniques Patent  [NASA-CASE-KGS-04478] c14 N7  CHAPPEE, W. H.  Oxygen production method and apparatus  [NASA-CASE-NSC-12332-1] c15 N7  CHAPPEELAIN, P. R.  Optical binocular scanning apparatus  [NASA-CASE-NPO-11002] c14 N7  CHAPPEELAIN, P. R.  Optical binocular scanning apparatus  [NASA-CASE-NPO-11002] c14 N7  CHAPPEELAIN, P. R.  Optical binocular scanning device patent  [NASA-CASE-NEC-10599-1] c05 N7  CHAPPEELAIN, J. A.  Discrete local altitude sensing device Patent  [NASA-CASE-NES-10599-1] c14 N7  Line cutter Patent  [NASA-CASE-NES-04072] c15 N7  N70-41628  N73-11107  Spacecraft radiator cover Patent  [NASA-CASE-NES-12049]  Winch having cable position and load indice  Patent  [NASA-CASE-NES-12052-1] c15 N7  CHAPPIN, C. P.  Switching circuit Patent  [NASA-CASE-NES-04390] c31 N7  CHAPPIN, C. P.  Switching circuit Patent  [NASA-CASE-NES-04055] c10 N7  Patent  [NASA-CASE-NPO-10556] c14 N7  Apparatus for recovering matter adhered to host surface  [NASA-CASE-NPO-11213]  Automated attendance accounting system  [NASA-CASE-NPO-11456]  Servo-controlled intravital microscope system	71-24233 72-15476 72-22441 garment 73-26071 ent 70-41812 70-42017 71-16080 ators 71-24599 70-41871 71-24799 tester 71-27185 a 73-20514

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[NASA-CASE-ARC-10109]  Beversed cowl flap inlet thrust aug. [NASA-CASE-ARC-10754-1]  System for measuring drag forces in turbulently flowing fluid [NASA-CASE-ARC-10755-1]  CHERDAK, A. S. Harimum power point tracker Patent [NASA-CASE-GSC-10376-1]  CHESTRUTT, D. Variably positioned guide vanes for choking [NASA-CASE-LAR-10642-1]  CHI, K. High pulse rate high resolution opticystem [NASA-CASE-NPO-11426]  CHIAO, R. Y.	c25 N71-29181 mentor c28 N73-32624 a c14 N74-14115 c14 N71-27407 aerodynamic c28 N72-27820 ical radar c07 N73-26119	regulator circuits Patent [NASA-CASE-XMS-09352]  CLARK, P. L.  Hypersonic test facility Patent [NASA-CASE-XLA-00378]  Hypersonic test facility Patent [NASA-CASE-XLA-05378]  CLARK, H. K.  Thermal pump-compressor for space use [NASA-CASE-XLA-00377]  CLARK, J. R.  Automated fluid chemical analyzer Patent [NASA-CASE-XNP-09451]  CLARK, R. L.  Deposition apparatus [NASA-CASE-LAR-10541-1]  CLARK, R. T.  Horn feed having overlapping apertures	c09 N71-23316  c11 N71-15925  c11 N71-21475  Patent c33 N71-17610  tent c06 N71-26754  c15 N72-32487
[NASA-CASE-NEC-10109]  Beversed cowl flap inlet thrust aug. [NASA-CASE-ARC-10754-1]  System for measuring drag forces in turbulently flowing fluid. [NASA-CASE-ARC-10755-1]  CHERDAK, A. S.  Haximum power point tracker Patent [NASA-CASE-GSC-10376-1]  CHESTHUTT, D.  Variably positioned guide vanes for choking. [NASA-CASE-LAR-10642-1]  CHI, K.  High pulse rate high resolution opt: system. [NASA-CASE-NPO-11426]  CHIO, R. Y.  Optical frequency waveguide Patent.	c25 N71-29181 mentor c28 N73-32624 a c14 N74-14115 c14 N71-27407 aerodynamic c28 N72-27820 ical radar c07 N73-26119	regulator circuits Patent [NASA-CASE-XMS-09352]  CLARK, P. L.  Hypersonic test facility Patent [NASA-CASE-XLA-00378]  Hypersonic test facility Patent [NASA-CASE-XLA-05376]  CLARK, H. K.  Thermal pump-compressor for space use [NASA-CASE-XLA-00377]  CLARK, J. R.  Automated fluid chemical analyzer Patent [NASA-CASE-XNP-09451]  CLARK, R. L.  Deposition apparatus [NASA-CASE-LAR-10541-1]  CLARK, R. T.  Horn feed having overlapping apertures [NASA-CASE-GSC-10452]  CLARK, D. R.	c09 N71-23316  c11 N71-15925  c11 N71-21475  Patent c33 N71-17610  tent c06 N71-26754  c15 N72-32487  s Patent c07 N71-12396
[NASA-CASE-NEC-10109]  Beversed cowl flap inlet thrust aug. [NASA-CASE-ARC-10754-1]  System for measuring drag forces in turbulently flowing fluid. [NASA-CASE-ARC-10755-1]  CHERDAR, A. S.  Haximum power point tracker Patent [NASA-CASE-GSC-10376-1]  CHESTNOTT, D.  Variably positioned guide vanes for choking. [NASA-CASE-LAR-10642-1]  CHI, R.  High pulse rate high resolution opticy system. [NASA-CASE-NPO-11426]  CHIAO, R. Y.  Optical frequency waveguide Patent [NASA-CASE-HON-10541-1]	c25 N71-29181 mentor c28 N73-32624 a c14 N74-14115 c14 N71-27407 aerodynamic c28 N72-27820 ical radar c07 N73-26119	regulator circuits Patent [NASA-CASE-XMS-09352]  CLARK, P. L.  Hypersonic test facility Patent [NASA-CASE-XLA-00378]  Hypersonic test facility Patent [NASA-CASE-XLA-05376]  CLARK, H. K.  Thermal pump-compressor for space use [NASA-CASE-XLA-00377]  CLARK, J. R.  Automated fluid chemical analyzer Patent [NASA-CASE-XNP-09451]  CLARK, R. L.  Deposition apparatus [NASA-CASE-LAR-10541-1]  CLARK, R. T.  Horn feed having overlapping apertures [NASA-CASE-GSC-10452]  CLARK, D. R.	c09 N71-23316  c11 N71-15925  c11 N71-21475  Patent c33 N71-17610  tent c06 N71-26754  c15 N72-32487  s Patent c07 N71-12396
[NASA-CASE-ARC-10109]  Reversed cowl flap inlet thrust aug. [NASA-CASE-ARC-10754-1]  System for measuring drag forces in turbulently flowing fluid. [NASA-CASE-ARC-10755-1]  CHERDAK, A. S.,  Haximum power point tracker Patent [NASA-CASE-GSC-10376-1]  CHESTNOTT, D.  Variably positioned guide vanes for choking [NASA-CASE-IAR-10642-1]  CHI, R.,  High pulse rate high resolution opt: system [NASA-CASE-NPO-11426]  CHIAO, R. Y.  Optical frequency waveguide Patent [NASA-CASE-HQN-10541-1]  Optical frequency waveguide and trained.	c25 N71-29181 mentor c28 N73-32624 a c14 N74-14115 c14 N71-27407 aerodynamic c28 N72-27820 ical radar c07 N73-26119	regulator circuits Patent [NASA-CASE-XMS-09352]  CLARK, P. L.  Hypersonic test facility Patent [NASA-CASE-XLA-00378]  Hypersonic test facility Patent [NASA-CASE-XLA-05378]  CLARK, B. K.  Thermal pump-compressor for space use [NASA-CASE-XLA-00377]  CLARK, J. R.  Automated fluid chemical analyzer Patent [NASA-CASE-XNP-09451]  CLARK, R. L.  Deposition apparatus [NASA-CASE-LAR-10541-1]  CLARK, R. T.  Horn feed having overlapping apertures [NASA-CASE-GSC-10452]  CLARKE, D. R.  Thermal compression bonding of interce [NASA-CASE-GSC-10303]	c09 N71-23316  c11 N71-15925  c11 N71-21475  Patent c33 N71-17610  tent c06 N71-26754  c15 N72-32487  s Patent c07 N71-12396  connectors
[NASA-CASE-ARC-10109]  Beversed cowl flap inlet thrust aug. [NASA-CASE-ARC-10754-1]  System for measuring drag forces in turbulently flowing fluid. [NASA-CASE-ARC-10755-1]  CHERDAK, A. S. Harimum power point tracker Patent [NASA-CASE-GSC-10376-1]  CHESTRUTT, D. Variably positioned guide vanes for choking. [NASA-CASE-LAR-10642-1]  CHI, K. High pulse rate high resolution optisystem. [NASA-CASE-NPO-11426]  CHIAO, R. I. Optical frequency waveguide Patent [NASA-CASE-HQN-10541-1]  Optical frequency waveguide and transystem.	c25 N71-29181 mentor c28 N73-32624 a c14 N74-14115 c14 N71-27407 aerodynamic c28 N72-27820 ical radar c07 N73-26119 c07 N71-26291 asmission	regulator circuits Patent [NASA-CASE-XMS-09352]  CLARK, F. L.  Hypersonic test facility Patent [NASA-CASE-XLA-00378]  Hypersonic test facility Patent [NASA-CASE-XLA-05378]  CLARK, B. K.  Thermal pump-compressor for space use [NASA-CASE-XLA-00377]  CLARK, J. R.  Automated fluid chemical analyzer Patent [NASA-CASE-XNP-09451]  CLARK, R. L.  Deposition apparatus [NASA-CASE-LAR-10541-1]  CLARK, R. T.  Horn feed having overlapping apertures [NASA-CASE-GSC-10452]  CLARKE, D. R.  Thermal compression bonding of interce [NASA-CASE-GSC-10303]  CLATTERBUCK, C. H.	c09 N71-23316  c11 N71-15925  c11 N71-21475  Patent c33 N71-17610  tent c06 N71-26754  c15 N72-32487  s Patent c07 N71-12396
[NASA-CASE-NEC-10109]  Beversed cowl flap inlet thrust aug. [NASA-CASE-ARC-10754-1]  System for measuring drag forces in turbulently flowing fluid. [NASA-CASE-ARC-10755-1]  CHERDAK, A. S.  Haximum power point tracker Patent [NASA-CASE-GSC-10376-1]  CHESTHUTT, D.  Variably positioned guide vanes for choking. [NASA-CASE-LAR-10642-1]  CHI, K.  High pulse rate high resolution opt: system. [NASA-CASE-NPO-11426]  CHIAO, R. Y.  Optical frequency waveguide Patent [NASA-CASE-HQN-10541-1]  Optical frequency waveguide and transystem. [NASA-CASE-HQN-10541-3]	c25 N71-29181 mentor c28 N73-32624 a c14 N74-14115 c14 N71-27407 aerodynamic c28 N72-27820 ical radar c07 N73-26119	regulator circuits Patent [NASA-CASE-XMS-09352]  CLARK, F. L.  Hypersonic test facility Patent [NASA-CASE-XLA-00378]  Hypersonic test facility Patent [NASA-CASE-XLA-05378]  CLARK, B. K.  Thermal pump-compressor for space use [NASA-CASE-XLA-00377]  CLARK, J. R.  Automated fluid chemical analyzer Patent [NASA-CASE-XNP-09451]  CLARK, R. L.  Deposition apparatus [NASA-CASE-LAR-10541-1]  CLARK, R. T.  Horn feed having overlapping apertures [NASA-CASE-GSC-10452]  CLARKE, D. R.  Thermal compression bonding of interce [NASA-CASE-GSC-10303]  CLATTERBUCK, C. H.  Spacecraft battery seals	c09 x71-23316  c11 N71-15925  c11 N71-21475  Patent c33 N71-17610  tent c06 N71-26754  c15 N72-32487  s Patent c07 N71-12396  connectors c15 N72-22487
[NASA-CASE-ARC-10109]  Reversed cowl flap inlet thrust aug. [NASA-CASE-ARC-10754-1]  System for measuring drag forces in turbulently flowing fluid [NASA-CASE-ARC-10755-1]  CHERDAK, A. S.  Haximum power point tracker Patent [NASA-CASE-GSC-10376-1]  CHESTNOTT, D.  Variably positioned guide vanes for choking [NASA-CASE-LAR-10642-1]  CHI, R.  High pulse rate high resolution opt: system [NASA-CASE-NPO-11426]  CHIAO, R. Y.  Optical frequency waveguide Patent [NASA-CASE-HQN-10541-1]  Optical frequency waveguide and transystem [NASA-CASE-HQN-10541-3]  CHILDRESS, J. D.	c25 N71-29181 mentor c28 N73-32624 a c14 N74-14115 c14 N71-27407 aerodynamic c28 N72-27820 ical radar c07 N73-26119 c07 N71-26291 smission c23 N72-23695	regulator circuits Patent [NASA-CASE-XMS-09352]  CLARK, P. L.  Hypersonic test facility Patent [NASA-CASE-XLA-00378]  Hypersonic test facility Patent [NASA-CASE-XLA-05378]  CLARK, H. K.  Thermal pump-compressor for space use [NASA-CASE-XLA-00377]  CLARK, J. R.  Automated fluid chemical analyzer Patent [NASA-CASE-XNP-09451]  CLARK, R. L.  Deposition apparatus [NASA-CASE-LAR-10541-1]  CLARK, R. T.  Horn feed having overlapping apertures [NASA-CASE-GSC-10452]  CLARKE, D. R.  Thermal compression bonding of intercolors [NASA-CASE-GSC-10303]  CLATTERBUCK, C. H.  Spacecraft battery seals [NASA-CASE-XGS-03864]	c09 x71-23316  c11 N71-15925  c11 N71-21475  Patent c33 N71-17610  tent c06 N71-26754  c15 N72-32487  s Patent c07 N71-12396  connectors c15 N72-22487
[NASA-CASE-NEC-10109]  Beversed cowl flap inlet thrust aug. [NASA-CASE-ARC-10754-1]  System for measuring drag forces in turbulently flowing fluid. [NASA-CASE-ARC-10755-1]  CHERDAK, A. S.  Haximum power point tracker Patent [NASA-CASE-GSC-10376-1]  CHESTHUTT, D.  Variably positioned guide vanes for choking. [NASA-CASE-LAR-10642-1]  CHI, K.  High pulse rate high resolution opt: system. [NASA-CASE-NPO-11426]  CHIAO, R. Y.  Optical frequency waveguide Patent [NASA-CASE-HQN-10541-1]  Optical frequency waveguide and transystem. [NASA-CASE-HQN-10541-3]	c25 N71-29181 mentor c28 N73-32624 a c14 N74-14115 c14 N71-27407 aerodynamic c28 N72-27820 ical radar c07 N73-26119 c07 N71-26291 nsmission c23 N72-23695 aite crystals	regulator circuits Patent [NASA-CASE-XMS-09352]  CLARK, F. L.  Hypersonic test facility Patent [NASA-CASE-XLA-00378]  Hypersonic test facility Patent [NASA-CASE-XLA-05378]  CLARK, B. K.  Thermal pump-compressor for space use [NASA-CASE-XLA-00377]  CLARK, J. R.  Automated fluid chemical analyzer Pai [NASA-CASE-XNP-09451]  CLARK, R. L.  Deposition apparatus [NASA-CASE-LAR-10541-1]  CLARK, R. L.  Horn feed having overlapping apertures [NASA-CASE-GSC-10452]  CLARKE, D. R.  Thermal compression bonding of interce [NASA-CASE-GSC-10303]  CLATTERBUCK, C. H.  Spacecraft battery seals [NASA-CASE-XSG-03864] Process for making RP shielded cable of	c09 x71-23316  c11 N71-15925  c11 N71-21475  Patent c33 N71-17610  tent c06 N71-26754  c15 N72-32487  s Patent c07 N71-12396  connectors c15 N72-22487
[NASA-CASE-ARC-10109]  Beversed cowl flap inlet thrust aug. [NASA-CASE-ARC-10754-1]  System for measuring drag forces in turbulently flowing fluid. [NASA-CASE-ARC-10755-1]  CHERDAK, A. S.  Haximum power point tracker Patent [NASA-CASE-GSC-10376-1]  CHESTNUTT, D.  Variably positioned guide vanes for choking. [NASA-CASE-LAR-10642-1]  CHI, K.  High pulse rate high resolution opt: system. [NASA-CASE-NPO-11426]  CHIAO, R. Y.  Optical frequency waveguide Patent [NASA-CASE-HQN-10541-1]  Optical frequency waveguide and transystem. [NASA-CASE-HQN-10541-3]  CHILDRESS, J. D.  Process for the preparation of brush [NASA-CASE-BRC-10338]  CHILDR, J. H.	c25 N71-29181 mentor c28 N73-32624 a c14 N74-14115 c14 N71-27407 aerodynamic c28 N72-27820 ical radar c07 N73-26119 c07 N71-26291 nswission c23 N72-23695 site crystals c04 N72-33072	regulator circuits Patent [NASA-CASE-XMS-09352]  CLARK, P. L.  Hypersonic test facility Patent [NASA-CASE-XLA-00378]  Hypersonic test facility Patent [NASA-CASE-XLA-05378]  CLARK, H. K.  Thermal pump-compressor for space use [NASA-CASE-XLA-00377]  CLARK, J. R.  Antomated fluid chemical analyzer Patent [NASA-CASE-XNP-09451]  CLARK, R. L.  Deposition apparatus [NASA-CASE-LAR-10541-1]  CLARK, R. T.  Horn feed having overlapping apertures [NASA-CASE-GSC-10452]  CLARKE, D. R.  Thermal compression bonding of interce [NASA-CASE-GSC-10303]  CLATTERBUCK, C. B.  Spacecraft battery seals [NASA-CASE-XGS-03864]  Process for making RP shielded cable cassemblies and the products formed to [NASA-CASE-GSC-11215-11]	c09 x71-23316  c11 x71-15925  c11 x71-21475  Patent c33 x71-17610  tent c06 x71-26754  c15 x72-32487  s Patent c07 x71-12396  connectors c15 x72-22487  c15 x69-24320  connector thereby
[NASA-CASE-ARC-10109]  Reversed cowl flap inlet thrust aug. [NASA-CASE-ARC-10754-1]  System for measuring drag forces in turbulently flowing fluid [NASA-CASE-ARC-10755-1]  CHERDAK, A. S.  HAXIMUM POWER POINT TRACKER PATENT [NASA-CASE-GSC-10376-1]  CHESTNOTT, D.  Variably positioned guide vanes for choking [NASA-CASE-LAR-10642-1]  CHI, R.  High pulse rate high resolution opt: system [NASA-CASE-NPO-11426]  CHIAO, R. Y.  Optical frequency waveguide Patent [NASA-CASE-HQN-10541-1]  Optical frequency waveguide and transystem [NASA-CASE-HQN-10541-3]  CHILDRESS, J. D.  Process for the preparation of brush [NASA-CASE-BCC-10338]  CHILDR, J. H.  High-vacuum condenser tank for ion reserved.	c25 N71-29181 mentor c28 N73-32624 a c14 N74-14115 c14 N71-27407 aerodynamic c28 N72-27820 ical radar c07 N73-26119 c07 N71-26291 nswission c23 N72-23695 site crystals c04 N72-33072	regulator circuits Patent [NASA-CASE-XMS-09352]  CLARK, P. L.  Hypersonic test facility Patent [NASA-CASE-XLA-00378]  Hypersonic test facility Patent [NASA-CASE-XLA-05378]  CLARK, B. K.  Thermal pump-compressor for space use [NASA-CASE-XLA-00377]  CLARK, J. R.  Automated fluid chemical analyzer Patent [NASA-CASE-XNP-09451]  CLARK, R. L.  Deposition apparatus [NASA-CASE-LAR-10541-1]  CLARK, R. T.  Horn feed having overlapping apertures [NASA-CASE-GSC-10452]  CLARKE, D. R.  Thermal compression bonding of interce [NASA-CASE-GSC-10303]  CLATTERBUCK, C. H.  Spacecraft battery seals [NASA-CASE-XGS-03864]  Process for making RP shielded cable of assemblies and the products formed to a seminate to	c09 x71-23316  c11 N71-15925  c11 N71-21475  Patent c33 N71-17610  tent c06 N71-26754  c15 N72-32487  s Patent c07 N71-12396  connectors c15 N72-22487  c15 N69-24320  connector thereby c09 N73-28083
[NASA-CASE-ARC-10109]  Beversed cowl flap inlet thrust aug. [NASA-CASE-ARC-10754-1]  System for measuring drag forces in turbulently flowing fluid [NASA-CASE-ARC-10755-1]  CHERDAK, A. S. Harimum power point tracker Patent [NASA-CASE-GSC-10376-1]  CHESTRUTT, D. Variably positioned guide vanes for choking [NASA-CASE-LAR-10642-1]  CHI, K. High pulse rate high resolution optisystem [NASA-CASE-NPO-11426]  CHIAO, R. Y. Optical frequency waveguide Patent [NASA-CASE-HQN-10541-1]  Optical frequency waveguide and transystem [NASA-CASE-HQN-10541-3]  CHILDHESS, J. D. Process for the preparation of brush [NASA-CASE-BRC-10338]  CHILDS, J. H. High-vacuum condenser tank for ion reatent	c25 N71-29181 mentor c28 N73-32624 a c14 N74-14115 c14 N71-27407 aerodynamic c28 N72-27820 ical radar c07 N73-26119 c07 N71-26291 nsmission c23 N72-23695 nite crystals c04 N72-33072 cocket tests	regulator circuits Patent [NASA-CASE-XMS-09352]  CLARK, F. L.  Hypersonic test facility Patent [NASA-CASE-XLA-00378]  Hypersonic test facility Patent [NASA-CASE-XLA-05378]  CLARK, B. K.  Thermal pump-compressor for space use [NASA-CASE-XLA-00377]  CLARK, J. R.  Automated fluid chemical analyzer Pai [NASA-CASE-XNP-09451]  CLARK, R. L.  Deposition apparatus [NASA-CASE-LAR-10541-1]  CLARK, R. T.  Horn feed having overlapping apertures [NASA-CASE-GSC-10452]  CLARK, D. R.  Thermal compression bonding of interce [NASA-CASE-GSC-10303]  CLATTERBUCK, C. H.  Spacecraft battery seals [NASA-CASE-GSC-1030864]  Process for making RP shielded cable of assemblies and the products formed to assemblies and photographic recording sadaptor and photograph	c09 x71-23316  c11 N71-15925  c11 N71-21475  Patent c33 N71-17610  tent c06 N71-26754  c15 N72-32487  s Patent c07 N71-12396  connectors c15 N72-22487  c15 N69-24320  connector thereby c09 N73-28083
[NASA-CASE-NEC-10109]  Beversed cowl flap inlet thrust aug. [NASA-CASE-ARC-10754-1]  System for measuring drag forces in turbulently flowing fluid. [NASA-CASE-ARC-10755-1]  CHERDAK, A. S.  Haximum power point tracker Patent [NASA-CASE-GSC-10376-1]  CHESTNUTT, D.  Variably positioned guide vanes for choking. [NASA-CASE-LAR-10642-1]  CHI, K.  High pulse rate high resolution opt: system. [NASA-CASE-NPO-11426]  CHIAO, R. Y.  Optical frequency waveguide Patent [NASA-CASE-HQN-10541-1]  Optical frequency waveguide and transystem. [NASA-CASE-HQN-10541-3]  CHILDRESS, J. D.  Process for the preparation of brush [NASA-CASE-BRC-10338]  CHILDS, J. H.  High-vacuum condenser tank for ion relatent [NASA-CASE-XLE-00168]	c25 N71-29181 mentor c28 N73-32624 a c14 N74-14115 c14 N71-27407 aerodynamic c28 N72-27820 ical radar c07 N73-26119 c07 N71-26291 ismission c23 N72-23695 ite crystals c04 N72-33072 cocket tests c11 N70-33278	regulator circuits Patent [NASA-CASE-XMS-09352]  CLARK, P. L.  Hypersonic test facility Patent [NASA-CASE-XLA-00378]  Hypersonic test facility Patent [NASA-CASE-XLA-05378]  CLARK, H. K.  Thermal pump-compressor for space use [NASA-CASE-XLA-00377]  CLARK, J. R.  Automated fluid chemical analyzer Patent [NASA-CASE-XNP-09451]  CLARK, R. L.  Deposition apparatus [NASA-CASE-IAR-10541-1]  CLARK, R. T.  Horn feed having overlapping apertures [NASA-CASE-GSC-10452]  CLARK, D. R.  Thermal compression bonding of interce [NASA-CASE-GSC-10303]  CLATTERBUCK, C. H.  Spacecraft battery seals [NASA-CASE-XGS-03864]  Process for making RP shielded cable cassemblies and the products formed to [NASA-CASE-GSC-11215-1]  Hicroscope multi-angle, reflection, via adaptor and photographic recording services.	c09 %71-23316  c11 N71-15925  c11 N71-21475  Patent c33 N71-17610  tent c06 N71-26754  c15 N72-32487  s Patent c07 N71-12396  connectors c15 N72-22487  c15 N69-24320  connector thereby c09 N73-28083 ieuing system
[NASA-CASE-ARC-10109]  Reversed cowl flap inlet thrust aug. [NASA-CASE-ARC-10754-1]  System for measuring drag forces in turbulently flowing fluid [NASA-CASE-ARC-10755-1]  CHERDAK, A. S.  Haximum power point tracker Patent [NASA-CASE-GSC-10376-1]  CHESTRUTT, D.  Variably positioned guide vanes for choking [NASA-CASE-LAR-10642-1]  CHI, R.  High pulse rate high resolution opt: system [NASA-CASE-NPO-11426]  CHIAO, R. Y.  Optical frequency waveguide Patent [NASA-CASE-HON-10541-1]  Optical frequency waveguide and transystem [NASA-CASE-HON-10541-3]  CHILDRESS, J. D.  Process for the preparation of brush [NASA-CASE-BRC-10338]  CHILDS, J. H.  High-vacuum condenser tank for ion relatent [NASA-CASE-XLE-00168]  Electric propulsion engine test cham	c25 N71-29181 mentor c28 N73-32624 a c14 N74-14115 c14 N71-27407 aerodynamic c28 N72-27820 ical radar c07 N73-26119 c07 N71-26291 asmission c23 N72-23695 aite crystals c04 N72-33072 cocket tests c11 N70-33278 aber Patent	regulator circuits Patent [NASA-CASE-XMS-09352]  CLARK, P. L.  Hypersonic test facility Patent [NASA-CASE-XLA-00378]  Hypersonic test facility Patent [NASA-CASE-XLA-05378]  CLARK, H. E.  Thermal pump-compressor for space use [NASA-CASE-XLA-00377]  CLARK, J. R.  Automated fluid chemical analyzer Patent [NASA-CASE-XMP-09451]  CLARK, R. L.  Deposition apparatus [NASA-CASE-LAR-10541-1]  CLARK, R. T.  Horn feed having overlapping apertures [NASA-CASE-GSC-10452]  CLARKE, D. R.  Thermal compression bonding of interce [NASA-CASE-GSC-10303]  CLATTERBUCK, C. H.  Spacecraft battery seals [NASA-CASE-XGS-03864]  Process for making RP shielded cable of assemblies and the products formed to assemblies and the products for	c09 %71-23316  c11 N71-15925  c11 N71-21475  Patent c33 N71-17610  tent c06 N71-26754  c15 N72-32487  s Patent c07 N71-12396  connectors c15 N72-22487  c15 N69-24320  connector thereby c09 N73-28083  leving system c14 N73-28499
[NASA-CASE-ARC-10109]  Reversed cowl flap inlet thrust aug. [NASA-CASE-ARC-10754-1]  System for measuring drag forces in turbulently flowing fluid [NASA-CASE-ARC-10755-1]  CHERDAK, A. S.  HARIMUM POWER POINT TRACKER PATENT [NASA-CASE-GSC-10376-1]  CHESTNOTT, D.  Variably positioned guide vanes for choking [NASA-CASE-LAR-10642-1]  CHI, R.  High pulse rate high resolution opt: system [NASA-CASE-NPO-11426]  CHIAO, R. Y.  Optical frequency waveguide Patent [NASA-CASE-HQN-10541-1]  Optical frequency waveguide and transystem [NASA-CASE-HQN-10541-3]  CHILDRESS, J. D.  Process for the preparation of brush [NASA-CASE-ERC-10338]  CHILDS, J. B.  High-vacuum condenser tank for ion relatent [NASA-CASE-XLE-00168]  Electric propulsion engine test cham [NASA-CASE-XLE-00252]	c25 N71-29181 mentor c28 N73-32624 a c14 N74-14115 c14 N71-27407 aerodynamic c28 N72-27820 ical radar c07 N73-26119 c07 N71-26291 ismission c23 N72-23695 ite crystals c04 N72-33072 cocket tests c11 N70-33278	regulator circuits Patent [NASA-CASE-XMS-09352]  CLARK, P. L.  Hypersonic test facility Patent [NASA-CASE-XLA-00378]  Hypersonic test facility Patent [NASA-CASE-XLA-05378]  CLARK, H. K.  Thermal pump-compressor for space use [NASA-CASE-XLA-00377]  CLARK, J. R.  Automated fluid chemical analyzer Patent [NASA-CASE-XNP-09451]  CLARK, R. L.  Deposition apparatus [NASA-CASE-LAR-10541-1]  CLARK, R. T.  Horn feed having overlapping apertures [NASA-CASE-GSC-10452]  CLARKE, D. R.  Thermal compression bonding of interco [NASA-CASE-GSC-10303]  CLATTRBUCK, C. H.  Spacecraft battery seals [NASA-CASE-XGS-03864]  Process for making RP shielded cable of assemblies and the products formed to assemblies and the products formed to assemblies and photographic recording in adaptor and photographic recording in adaptor and photographic recording in adaptor and photographic recording in NASA-CASE-GSC-11690-1]  CLAUSS, R. C.  Transmission line thermal short Paten	c09 %71-23316  c11 N71-15925  c11 N71-21475  Patent c33 N71-17610  tent c06 N71-26754  c15 N72-32487  s Patent c07 N71-12396  connectors c15 N72-22487  c15 N69-24320  connector thereby c09 N73-28083  leving system c14 N73-28499
[NASA-CASE-ARC-10109]  Beversed cowl flap inlet thrust aug. [NASA-CASE-ARC-10754-1]  System for measuring drag forces in turbulently flowing fluid [NASA-CASE-ARC-10755-1]  CHERDAK, A. S.  Haximum power point tracker Patent [NASA-CASE-GSC-10376-1]  CHESTNOTT, D.  Variably positioned guide vanes for choking [NASA-CASE-LAR-10642-1]  CHI, K.  High pulse rate high resolution opt: system [NASA-CASE-NPO-11426]  CHIAO, R. I.  Optical frequency Haveguide Patent [NASA-CASE-HQN-10541-1]  Optical frequency Waveguide and transystem [NASA-CASE-BQN-10541-3]  CHILDRESS, J. D.  Process for the preparation of brush [NASA-CASE-BRC-10338]  CHILDS, J. H.  High-vacuum condenser tank for ion relatent [NASA-CASE-XLE-00168]  Electric propulsion engine test cham [NASA-CASE-XLE-00252]  CHILESSK, J. D.	c25 N71-29181 mentor c28 N73-32624 a c14 N74-14115 c14 N71-27407 aerodynamic c28 N72-27820 ical radar c07 N73-26119 c07 N71-26291 asmission c23 N72-23695 aite crystals c04 N72-33072 cocket tests c11 N70-33278 aber Patent c11 N70-34844	regulator circuits Patent [NASA-CASE-XMS-09352]  CLARK, P. L.  Hypersonic test facility Patent [NASA-CASE-XLA-00378] Hypersonic test facility Patent [NASA-CASE-XLA-05378]  CLARK, H. K.  Thermal pump-compressor for space use [NASA-CASE-XLA-00377]  CLARK, J. R.  Automated fluid chemical analyzer Patent [NASA-CASE-XNP-09451]  CLARK, R. L.  Deposition apparatus [NASA-CASE-LAR-10541-1]  CLARK, R. T.  Horn feed having overlapping apertures [NASA-CASE-GSC-10452]  CLARK, D. R.  Thermal compression bonding of interco [NASA-CASE-GSC-10303]  CLATTRRBUCK, C. H.  Spacecraft battery seals [NASA-CASE-GSC-11215-1]  Hicroscope multi-angle, reflection, viadaptor and photographic recording s [NASA-CASE-GSC-11690-1]  CLAUSS, R. C.  Transmission line thermal short Paten [NASA-CASE-XNP-09775]	c09 N71-23316  c11 N71-15925  c11 N71-15925  c11 N71-21475  Patent c33 N71-17610  tent c06 N71-26754  c15 N72-32487  s Patent c07 N71-12396  connectors c15 N69-24320  connector thereby c09 N73-28083  ieuing system c14 N73-28499
[NASA-CASE-ARC-10109]  Reversed cowl flap inlet thrust aug. [NASA-CASE-ARC-10754-1]  System for measuring drag forces in turbulently flowing fluid [NASA-CASE-ARC-10755-1]  CHERDAK, A. S.  HARIMUM POWER POINT TRACKER PATENT [NASA-CASE-GSC-10376-1]  CHESTNOTT, D.  Variably positioned guide vanes for choking [NASA-CASE-LAR-10642-1]  CHI, R.  High pulse rate high resolution opt: system [NASA-CASE-NPO-11426]  CHIAO, R. Y.  Optical frequency waveguide Patent [NASA-CASE-HQN-10541-1]  Optical frequency waveguide and transystem [NASA-CASE-HQN-10541-3]  CHILDRESS, J. D.  Process for the preparation of brush [NASA-CASE-ERC-10338]  CHILDS, J. B.  High-vacuum condenser tank for ion relatent [NASA-CASE-XLE-00168]  Electric propulsion engine test cham [NASA-CASE-XLE-00252]	c25 N71-29181 mentor c28 N73-32624 a c14 N74-14115 c14 N71-27407 aerodynamic c28 N72-27820 ical radar c07 N73-26119 c07 N71-26291 asmission c23 N72-23695 aite crystals c04 N72-33072 cocket tests c11 N70-33278 aber Patent c11 N70-34844	regulator circuits Patent [NASA-CASE-XMS-09352]  CLARK, P. L.  Hypersonic test facility Patent [NASA-CASE-XLA-00378]  Hypersonic test facility Patent [NASA-CASE-XLA-05378]  CLARK, H. K.  Thermal pump-compressor for space use [NASA-CASE-XLA-00377]  CLARK, J. R.  Automated fluid chemical analyzer Patent [NASA-CASE-XMP-09451]  CLARK, R. L.  Deposition apparatus [NASA-CASE-LAR-10541-1]  CLARK, R. T.  Horn feed having overlapping apertures [NASA-CASE-GSC-10452]  CLARK, B. T.  Thermal compression bonding of interce [NASA-CASE-GSC-10303]  CLATTERBUCK, C. H.  Spacecraft battery seals [NASA-CASE-XGS-03064]  Process for making RP shielded cable of assemblies and the products formed to assemblies assemblies and the products formed to assemblies and the pr	c09 N71-23316  c11 N71-15925  c11 N71-15925  c11 N71-21475  Patent c33 N71-17610  tent c06 N71-26754  c15 N72-32487  s Patent c07 N71-12396  connectors c15 N72-22487  c15 N69-24320  connector thereby c09 N73-28083  leving system c14 N73-28499  it c09 N71-20445
[NASA-CASE-ARC-10109]  Reversed cowl flap inlet thrust aug. [NASA-CASE-ARC-10754-1]  System for measuring drag forces in turbulently flowing fluid [NASA-CASE-ARC-10755-1]  CHERDAK, A. S.  Haximum power point tracker Patent [NASA-CASE-GSC-10376-1]  CHESTNOTT, D.  Variably positioned guide vanes for choking [NASA-CASE-LAR-10642-1]  CHI, R.  High pulse rate high resolution opt: system [NASA-CASE-NPO-11426]  CHIAO, R. Y.  Optical frequency waveguide Patent [NASA-CASE-HQN-10541-1]  Optical frequency waveguide and transystem [NASA-CASE-HQN-10541-3]  CHILDRESS, J. D.  Process for the preparation of brush [NASA-CASE-ERC-10330]  CHILDS, J. H.  High-vacuum condenser tank for ion relatent [NASA-CASE-XLE-00168]  Electric propulsion engine test cham [NASA-CASE-XLE-00252]  CHILBESKI, J. J.  Ignition system for monopropellant of devices Patent [NASA-CASE-INF-00249]	c25 N71-29181 mentor c28 N73-32624 a c14 N74-14115 c14 N71-27407 aerodynamic c28 N72-27820 ical radar c07 N73-26119 c07 N71-26291 asmission c23 N72-23695 aite crystals c04 N72-33072 cocket tests c11 N70-33278 aber Patent c11 N70-34844	regulator circuits Patent [NASA-CASE-XMS-09352]  CLARK, P. L.  Hypersonic test facility Patent [NASA-CASE-XLA-00378]  Hypersonic test facility Patent [NASA-CASE-XLA-05378]  CLARK, H. K.  Thermal pump-compressor for space use [NASA-CASE-XLA-00377]  CLARK, J. R.  Automated fluid chemical analyzer Patent [NASA-CASE-XMP-09451]  CLARK, R. L.  Deposition apparatus [NASA-CASE-LAR-10541-1]  CLARK, R. T.  Horn feed having overlapping apertures [NASA-CASE-GSC-10452]  CLARK, D. R.  Thermal compression bonding of interco [NASA-CASE-GSC-10303]  CLATTERBUCK, C. H.  Spacecraft battery seals [NASA-CASE-XGS-03864]  Process for making RP shielded cable of assemblies and the products formed to assemblies and the products formed to assemblies and photographic recording s [NASA-CASE-GSC-11215-1]  Hicroscope multi-angle, reflection, via adaptor and photographic recording s [NASA-CASE-GSC-11690-1]  CLAUSS, R. C.  Transmission line thermal short Paten [NASA-CASE-XNP-09775]  Circulator having quarter wavelength r post and parametric amplifier circuit	c09 N71-23316  c11 N71-15925  c11 N71-15925  c11 N71-21475  Patent c33 N71-17610  tent c06 N71-26754  c15 N72-32487  s Patent c07 N71-12396  connectors c15 N72-22487  c15 N69-24320  connector thereby c09 N73-28083  leving system c14 N73-28499  it c09 N71-20445
[NASA-CASE-ARC-10109]  Beversed cowl flap inlet thrust aug. [NASA-CASE-ARC-10754-1]  System for measuring drag forces in turbulently flowing fluid [NASA-CASE-ARC-10755-1]  CHERDAK, A. S.  Haximum power point tracker Patent [NASA-CASE-GSC-10376-1]  CHESTRUTT, D.  Variably positioned guide vanes for choking [NASA-CASE-LAR-10642-1]  CHI, K.  High pulse rate high resolution opt: system [NASA-CASE-NPO-11426]  CHIAO, R. I.  Optical frequency waveguide Patent [NASA-CASE-HQN-10541-1]  Optical frequency waveguide and transystem [NASA-CASE-BQN-10541-3]  CHILDRESS, J. D.  Process for the preparation of brush [NASA-CASE-BRC-10338]  CHILDS, J. H.  High-vacuum condenser tank for ion relatent [NASA-CASE-XLE-00168]  Electric propulsion engine test cham [NASA-CASE-XLE-00252]  CHILEBSKI, J. J.  Ignition system for monopropellant of devices Patent [NASA-CASE-XNP-00249]  CHILTON, R. G.	c25 N71-29181 mentor c28 N73-32624 a c14 N74-14115 c14 N71-27407 aerodynamic c28 N72-27820 ical radar c07 N73-26119 c07 N71-26291 smission c23 N72-23695 site crystals c04 N72-33072 cocket tests c11 N70-33278 sher Patent c11 N70-34844	regulator circuits Patent [NASA-CASE-XMS-09352]  CLARK, P. L.  Hypersonic test facility Patent [NASA-CASE-XIA-00378]  Hypersonic test facility Patent [NASA-CASE-XIA-05378]  CLARK, H. K.  Thermal pump-compressor for space use [NASA-CASE-XIA-00377]  CLARK, J. R.  Automated fluid chemical analyzer Patent [NASA-CASE-XNP-09451]  CLARK, R. L.  Deposition apparatus [NASA-CASE-IAR-10541-1]  CLARK, R. T.  Horn feed having overlapping apertures [NASA-CASE-GSC-10452]  CLARK, D. R.  Thermal compression bonding of interce [NASA-CASE-GSC-10303]  CLATREBUCK, C. H.  Spacecraft battery seals [NASA-CASE-XGS-03864]  Process for making RP shielded cable cassemblies and the products formed to [NASA-CASE-GSC-11215-1]  Hicroscope multi-angle, reflection, vi adaptor and photographic recording s [NASA-CASE-GSC-11690-1]  CLAUSS, R. C.  Transmission line thermal short Paten [NASA-CASE-XNP-09775]  Circulator having quarter wavelength r post and parametric amplifier circuit utilizing the same Patent [NASA-CASE-XNP-0970140]	c09 N71-23316  c11 N71-15925  c11 N71-15925  c11 N71-21475  Patent c33 N71-17610  tent c06 N71-26754  c15 N72-32487  s Patent c07 N71-12396  connectors c15 N72-22487  c15 N69-24320  connector thereby connector thereby c14 N73-28499  it c09 N71-20445 cesonant cts
Reversed cowl flap inlet thrust aug. [NASA-CASE-ARC-10754-1] System for measuring drag forces in turbulently flowing fluid [NASA-CASE-ARC-10755-1] CHERDAK, A. S.  Haximum power point tracker Patent [NASA-CASE-GSC-10376-1] CHESTRUTT, D.  Variably positioned guide vanes for choking [NASA-CASE-LAR-10642-1] CHI, R.  High pulse rate high resolution opt: system [NASA-CASE-NPO-11426] CHIAO, R. Y.  Optical frequency waveguide Patent [NASA-CASE-HQN-10541-1] Optical frequency waveguide and transystem [NASA-CASE-BQN-10541-3] CHILDERSS, J. D.  Process for the preparation of brush [NASA-CASE-BRC-10338] CHILDERSS, J. B.  High-vacuum condenser tank for ion relatent [NASA-CASE-XLE-00168] Electric propulsion engine test cham [NASA-CASE-XLE-00252] CHILERSKI, J. J.  Ignition system for monopropellant of devices Patent [NASA-CASE-XLE-00249] CHILTON, R. G. Space capsule Patent	c25 N71-29181 mentor c28 N73-32624 a c14 N74-14115 c14 N71-27407 aerodynamic c28 N72-27820 ical radar c07 N73-26119 c07 N71-26291 nsmission c23 N72-23695 aite crystals c04 N72-33072 cocket tests c11 N70-33278 aber Patent c11 N70-34844 combustion c28 N70-38249	regulator circuits Patent [NASA-CASE-XMS-09352]  CLARK, P. L.  Hypersonic test facility Patent [NASA-CASE-XLA-00378]  Hypersonic test facility Patent [NASA-CASE-XLA-05378]  CLARK, H. K.  Thermal pump-compressor for space use [NASA-CASE-XLA-00377]  CLARK, J. R.  Antomated fluid chemical analyzer Patent [NASA-CASE-XMP-09451]  CLARK, R. L.  Deposition apparatus [NASA-CASE-LAR-10541-1]  CLARK, R. T.  Horn feed having overlapping apertures [NASA-CASE-GSC-10452]  CLARK, B. T.  Thermal compression bonding of interce [NASA-CASE-GSC-10303]  CLATTERBUCK, C. H.  Spacecraft battery seals [NASA-CASE-XGS-03064]  Process for making RP shielded cable of assemblies and the products formed to assemblies and the products for assemblies and the	c09 N71-23316  c11 N71-15925  c11 N71-15925  c11 N71-21475  Patent c33 N71-17610  tent c06 N71-26754  c15 N72-32487  s Patent c07 N71-12396  connectors c15 N72-22487  c15 N69-24320  connector thereby connector thereby c14 N73-28499  it c09 N71-20445 cesonant cts
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	COHN, R. B.
CLAMSON, G. T. Method and apparatus for checking fire detectors	Acoustical transducer calibrating system and
[NASA-CASE-GSC-11600-1] c14 N74-21019	apparatus
CIAN P D . AR.	[NASA-CASE-PRC-10060-1] c14 N73-27379
Tonization vacuum gauge with all but the end of	COKER, L. R.
the ion collector shielded Patent	Quick disconnect latch and handle combination
[NASA-CASE-XLA-07424] c14 N71-18482	Patent   Figure   Fig
CIRMRNS. G. N. JR.	Note that the second se
Deep space monitor communication satellite	COLBURN, N. B. Automatic instrument for chemical processing to
system Patent (NASA-CASE-XAC-06029-11	detect microorganism in biological samples by
furne cape was con	measuring light reactions
CLEMBNT, W. G. Friction measuring apparatus Patent	[ NASA-CAŠE-GŠC-11169-2 ] CO5 N73-32011
[NASA-CASE-XNP-08680] c14 N71-22995	COLE, H. A., JR.
CLEMENTS. P. A.	Method and apparatus for measuring the damping
System for stabilizing cable phase delay	characteristics of a structure
utilizing a coaxial cable under pressure	[ 00
[NASA-CASE-NPO-13138-1] C09 N74-17927	COLE, P. T.  Low friction magnetic recording tape Patent
Thermal control of space vehicles Patent	[NASA-CASE-XGS-00373] C23 N71-15978
[NASA-CASE-XLA-01291] c33 N70-36617	System for recording and reproducing pulse code
CLEMONS, P. W.	modulated data Patent
a device for configuring multiple leads	[NASA-CASE-XGS-01021] C08 N71-21042
[NASA-CASE-MPS-22133-1] C15 N73-18473	Friction measuring apparatus Patent  [NASA-CASE-XNP-08680] C14 N71-22995
CLEVELAND, G. J.	[NASA-CASE-XNP-08680] C14 N71-22995 Helical recorder arrangement for multiple
Medical subject monitoring systems	channel recording on both sides of the tape
(man one = = -	[NASA-CASE-GSC-10614-1] CO9 N72-11224
CLEVENSON, S. A. Recording apparatus	COLES, W. D.
[NASA-CASE-LAR-11353-1] c14 N74-20020	Twisted multifilament superconductor
CLICKNEE, R. E., JE.	[NASA-CASE-LEW-11726-1] G26 N73-26752
Umbilical disconnect Patent	Method of fabricating a twisted composite
[NASA-CASE-XLA-00711] c03 N71-12258	superconductor
CLIFF, B. A.	[NASA-CASE-LEW-11015] c26 N73-32571
Data processor having multiple sections	Garments for controlling the temperature of the
activated at different times by selective power coupling to the sections Patent	body Patent
[NASA-CASE-XGS-04767] COS N71-12494	[NASA-CASE-INS-10269] C05 N71-24147
Ripple add and ripple subtract binary counters	COLLIN, E. E.
Patent	Apparatus and method for skin packaging articles
[NASA-CASE-XGS-04766] C08 N71-18602	[NASA-CASE-MPS-20855] . c15 N73-27405
Apparatus for computing square roots Patent FNASA-CASE-XGS-047681 c08 N71-19437	COLLINS, D. F., JR.  Fluid power transmitting gas bearing Patent
[NASA-CASE-XGS-04768] c08 N71-19437 Digitally controlled frequency synthesizer Patent	[NASA-CASE-ERC-10097] c15 N71-28465
Diditutil confronted vindages 1 -1	
[NASA-CASE-XGS-02317] C09 N71-23525	COLLINS, E. R., JR.
SCR lamp driver	Impact energy absorbing system utilizing
SCR lamp driver [NASA-CASE-GSC-10221-1] C09 N72-23171	Impact energy absorbing system utilizing fracturable material
SCR lamp driver [NASA-CASE-GSC-10221-1] c09 N72-23171 Digital phase locked loop	Impact energy absorbing system utilizing fracturable material [NASA-CASE-NPO-10671] c15 N72-20443
SCR lamp driver       [NASA-CASE-GSC-10221-1]       c09 N72-23171         Digital phase locked loop       [NASA-CASE-GSC-11623-1]       c10 N73-31202	Impact energy absorbing system utilizing fracturable material
SCR lamp driver [NASA-CASE-GSC-10221-1] C09 N72-23171 Digital phase locked loop [NASA-CASE-GSC-11623-1] C10 N73-31202 CLINE, R. W.	Impact energy absorbing system utilizing fracturable material [NASA-CASE-NPO-10671] c15 N72-20443  COLLINS, V. G. Recovery of potable water from human wastes in below-G conditions Patent
SCR lamp driver [NASA-CASE-GSC-10221-1] c09 N72-23171 Digital phase locked loop [NASA-CASE-GSC-11623-1] c10 N73-31202  CLINE, R. W.  Method and apparatus for optically monitoring the angular position of a rotating mirror	Impact energy absorbing system utilizing fracturable material [NASA-CASE-NPO-10671] c15 N72-20443  COLLINS, V. G. Recovery of potable water from human wastes in below-G conditions Patent [NASA-CASE-XLA-03213] c05 N71-11207
SCR lamp driver [NASA-CASE-GSC-10221-1] Digital phase locked loop [NASA-CASE-GSC-11623-1] C10 N73-31202  CLINE, R. W.  Method and apparatus for optically monitoring the angular position of a rotating mirror [NASA-CASE-GSC-11353-1] C23 N74-21304	Impact energy absorbing system utilizing fracturable material [NASA-CASE-NPO-10671] c15 N72-20443  COLLING, V. G. Recovery of potable water from human wastes in below-G conditions Patent [NASA-CASE-XLA-03213] c05 N71-11207  COLLING, W. A.
SCR lamp driver [NASA-CASE-GSC-10221-1] C09 N72-23171 Digital phase locked loop [NASA-CASE-GSC-11623-1] C10 N73-31202 CLINE, R. W. Method and apparatus for optically monitoring the angular position of a rotating mirror [NASA-CASE-GSC-11353-1] C23 N74-21304 CLOTFELTER, W. N.	Impact energy absorbing system utilizing fracturable material [NASA-CASE-NPO-10671] c15 N72-20443  COLLINS, V. G. Recovery of potable water from human wastes in below-G conditions Patent [NASA-CASE-XLA-03213] c05 N71-11207  COLLINS, W. A. Flight control system
SCR lamp driver [NASA-CASE-GSC-10221-1]	Impact energy absorbing system utilizing fracturable material [NASA-CASE-NPO-10671] c15 N72-20443  COLLING, V. G. Recovery of potable water from human wastes in below-G conditions Patent [NASA-CASE-XLA-03213] c05 N71-11207  COLLING, W. A. Flight control system [NASA-CASE-MSC-13397-1] c21 N72-25595
SCR lamp driver [NASA-CASE-GSC-10221-1]	Impact energy absorbing system utilizing fracturable material [NASA-CASE-NPO-10671] c15 N72-20443  COLLINS, V. G. Recovery of potable water from human wastes in below-G conditions Patent [NASA-CASE-XLA-03213] c05 N71-11207  COLLINS, W. A. Flight control system [NASA-CASE-MSC-13397-1] c21 N72-25595  COLONY, J. A. Phototropic composition of matter
SCR lamp driver [NASA-CASE-GSC-10221-1]	Impact energy absorbing system utilizing fracturable material [NASA-CASE-NPO-10671] c15 N72-20443  COLLINS, V. G. Recovery of potable water from human wastes in below-G conditions Patent [NASA-CASE-XLA-03213] c05 N71-11207  COLLINS, W. A. Flight control system [NASA-CASE-MSC-13397-1] c21 N72-25595  COLONY, J. A. Phototropic composition of matter [NASA-CASE-XGS-03736] c14 N72-22443
SCR lamp driver [NASA-CASE-GSC-10221-1] Digital phase locked loop [NASA-CASE-GSC-11623-1] C10 N73-31202  CLINE, R. W. Method and apparatus for optically monitoring the angular position of a rotating mirror [NASA-CASE-GSC-11353-1] C23 N74-21304  CLOTFELTER, W. N. Apparatus for the determination of the existance or non-existence of a bonding between two members Patent [NASA-CASE-MFS-13686] C15 N71-18132  CLOUGH, L. G.	Impact energy absorbing system utilizing fracturable material [NASA-CASE-NPO-10671] c15 N72-20443  COLLINS, V. G. Recovery of potable water from human wastes in below-G conditions Patent [NASA-CASE-XLA-03213] c05 N71-11207  COLLINS, W. A. Flight control system [NASA-CASE-MSC-13397-1] c21 N72-25595  COLONY, J. A. Phototropic composition of matter [NASA-CASE-IGS-03736] c14 N72-22443  CONANT, J. E.
SCR lamp driver [NASA-CASE-GSC-10221-1] Digital phase locked loop [NASA-CASE-GSC-11623-1] C10 N73-31202  CLINE, R. W. Method and apparatus for optically monitoring the angular position of a rotating mirror [NASA-CASE-GSC-11353-1] C23 N74-21304  CLOTFELTER, W. N. Apparatus for the determination of the existance or non-existence of a bonding between two members Patent [NASA-CASE-MFS-13686] C15 N71-18132  CLOUGH, L. G. Driving lamps by induction	Impact energy absorbing system utilizing fracturable material [NASA-CASE-NPO-10671]  COLLING, V. G. Recovery of potable water from human wastes in below-G conditions Patent [NASA-CASE-XLA-03213]  COLLING, W. A. Flight control system [NASA-CASE-MSC-13397-1]  COLONY, J. A. Phototropic composition of matter [NASA-CASE-XGS-03736]  CONANT, J. E. Television simulation for aircraft and space
SCR lamp driver [NASA-CASE-GSC-10221-1] C09 N72-23171 Digital phase locked loop [NASA-CASE-GSC-11623-1] C10 N73-31202  CLINE, R. W.  Method and apparatus for optically monitoring the angular position of a rotating mirror [NASA-CASE-GSC-11353-1] C23 N74-21304  CLOTFELTER, W. N.  Apparatus for the determination of the existance or non-existence of a bonding between two members Patent [NASA-CASE-MFS-13686] C15 N71-18132  CLOUGH, L. G. Driving lamps by induction [NASA-CASE-MFS-21214-1] C09 N73-30181	Impact energy absorbing system utilizing fracturable material [NASA-CASE-NPO-10671] c15 N72-20443  COLLINS, V. G. Recovery of potable water from human wastes in below-G conditions Patent [NASA-CASE-XLA-03213] c05 N71-11207  COLLINS, W. A. Flight control system [NASA-CASE-MSC-13397-1] c21 N72-25595  COLONY, J. A. Phototropic composition of matter [NASA-CASE-XGS-03736] c14 N72-22443  CONANT, J. E. Television simulation for aircraft and space flight Patent
SCR lamp driver [NASA-CASE-GSC-10221-1] C09 N72-23171 Digital phase locked loop [NASA-CASE-GSC-11623-1] C10 N73-31202  CLINE, R. W.  Method and apparatus for optically monitoring the angular position of a rotating mirror [NASA-CASE-GSC-11353-1] C23 N74-21304  CLOTFELTER, W. N.  Apparatus for the determination of the existance or non-existence of a bonding between two members Patent [NASA-CASE-MFS-13686] C15 N71-18132  CLOUGH, L. G. Driving lamps by induction [NASA-CASE-MFS-21214-1] C09 N73-30181  COBIN, J. C.	Impact energy absorbing system utilizing fracturable material [NASA-CASE-NPO-10671] c15 N72-20443  COLLINS, V. G.  Recovery of potable water from human wastes in below-G conditions Patent [NASA-CASE-XLA-03213] c05 N71-11207  COLLINS, W. A.  Flight control system [NASA-CASE-MSC-13397-1] c21 N72-25595  COLONY, J. A.  Phototropic composition of matter [NASA-CASE-XGS-03736] c14 N72-22443  CONANT, J. E.  Television simulation for aircraft and space flight Patent [NASA-CASE-XFR-03107] c09 N71-19449
SCR lamp driver [NASA-CASE-GSC-10221-1] Digital phase locked loop [NASA-CASE-GSC-11623-1] C10 N73-31202  CLINE, R. W.  Method and apparatus for optically monitoring the angular position of a rotating mirror [NASA-CASE-GSC-11353-1] C23 N74-21304  CLOTFELTER, W. N.  Apparatus for the determination of the existance or non-existence of a bonding between two members Patent [NASA-CASE-MFS-13686] C15 N71-18132  CLOUGH, L. G. Driving lamps by induction [NASA-CASE-MFS-21214-1] COBIN, J. C. Latching mechanism Patent	Impact energy absorbing system utilizing fracturable material [NASA-CASE-NPO-10671] c15 N72-20443  COLLINS, V. G. Recovery of potable water from human wastes in below-G conditions Patent [NASA-CASE-XLA-03213] c05 N71-11207  COLLINS, W. A. Flight control system [NASA-CASE-MSC-13397-1] c21 N72-25595  COLONY, J. A. Phototropic composition of matter [NASA-CASE-XGS-03736] c14 N72-22443  CONANT, J. E. Television simulation for aircraft and space flight Patent [NASA-CASE-XFR-03107] c09 N71-19449  CONE, C. D., JR. Minimum induced drag airfoil body Patent
SCR lamp driver [NASA-CASE-GSC-10221-1] Digital phase locked loop [NASA-CASE-GSC-11623-1] C10 N73-31202  CLINE, R. W.  Method and apparatus for optically monitoring the angular position of a rotating mirror [NASA-CASE-GSC-11353-1] CLOTFELTER, W. N.  Apparatus for the determination of the existance or non-existence of a bonding between two members Patent [NASA-CASE-MFS-13686] C15 N71-18132  CLOUGH, L. G. Driving lamps by induction [NASA-CASE-MFS-21214-1] COBIN, J. C. Latching mechanism Patent [NASA-CASE-MSC-15474-1] COCCA, P. J.	Impact energy absorbing system utilizing fracturable material [NASA-CASE-NPO-10671] c15 N72-20443  COLLINS, V. G.  Recovery of potable water from human wastes in below-G conditions Patent [NASA-CASE-XLA-03213] c05 N71-11207  COLLINS, W. A.  Flight control system [NASA-CASE-MSC-13397-1] c21 N72-25595  COLONY, J. A.  Phototropic composition of matter [NASA-CASE-XGS-03736] c14 N72-22443  CONANT, J. E.  Television simulation for aircraft and space flight Patent [NASA-CASE-XFR-03107] c09 N71-19449  CONE, C. D., JR.  Minimum induced drag airfoil body Patent [NASA-CASE-XLA-00755] c01 N71-13410
SCR lamp driver [NASA-CASE-GSC-10221-1] C09 N72-23171 Digital phase locked loop [NASA-CASE-GSC-11623-1] C10 N73-31202  CLINE, R. W.  Method and apparatus for optically monitoring the angular position of a rotating mirror [NASA-CASE-GSC-11353-1] C23 N74-21304  CLOTFELTER, W. N.  Apparatus for the determination of the existance or non-existence of a bonding between two members Patent [NASA-CASE-MFS-13686] C15 N71-18132  CLOUGH, L. G. Driving lamps by induction [NASA-CASE-MFS-21214-1] C09 N73-30181  COBIN, J. C. Latching mechanism Patent [NASA-CASE-MSC-15474-1] C15 N71-26162  COCCA, P. J. Method and apparatus for detecting surface ions	Impact energy absorbing system utilizing fracturable material [NASA-CASE-NPO-10671] c15 N72-20443  COLLINS, V. G. Recovery of potable water from human wastes in below-G conditions Patent [NASA-CASE-XLA-03213] c05 N71-11207  COLLINS, W. A. Flight control system [NASA-CASE-MSC-13397-1] c21 N72-25595  COLONY, J. A. Phototropic composition of matter [NASA-CASE-XGS-03736] c14 N72-22443  CONANT, J. E. Television simulation for aircraft and space flight Patent [NASA-CASE-XFR-03107] c09 N71-19449  CONE, C. D., JB. Minimum induced drag airfoil body Patent [NASA-CASE-XLA-00755] c01 N71-13410 Minimum induced drag airfoil body Patent
SCR lamp driver [NASA-CASE-GSC-10221-1] Digital phase locked loop [NASA-CASE-GSC-11623-1] C10 N73-31202  CLINE, R. W.  Method and apparatus for optically monitoring the angular position of a rotating mirror [NASA-CASE-GSC-11353-1] C23 N74-21304  CLOTFELTER, W. N.  Apparatus for the determination of the existance or non-existence of a bonding between two members Patent [NASA-CASE-MFS-13686] C15 N71-18132  CLOUGH, L. G. Driving lamps by induction [NASA-CASE-MFS-21214-1] COBIN, J. C. Latching mechanism Patent [NASA-CASE-MSC-15474-1] C15 N71-26162  COCCA, P. J. Method and apparatus for detecting surface ions on silicon diodes and transistors	Impact energy absorbing system utilizing fracturable material [NASA-CASE-NPO-10671] c15 N72-20443  COLLINS, V. G.  Recovery of potable water from human wastes in below-G conditions Patent [NASA-CASE-XLA-03213] c05 N71-11207  COLLINS, W. A.  Flight control system [NASA-CASE-NSC-13397-1] c21 N72-25595  COLONY, J. A.  Phototropic composition of matter [NASA-CASE-NGS-03736] c14 N72-22443  CONANT, J. E.  Television simulation for aircraft and space flight Patent [NASA-CASE-XFR-03107] c09 N71-19449  CONE, C. D., JR.  Minimum induced drag airfoil body Patent [NASA-CASE-XLA-00755] c01 N71-13410  Minimum induced drag airfoil body Patent [NASA-CASE-XLA-05628] c01 N71-13411
SCR lamp driver [NASA-CASE-GSC-10221-1] Digital phase locked loop [NASA-CASE-GSC-11623-1] C10 N73-31202  CLINE, R. W.  Method and apparatus for optically monitoring the angular position of a rotating mirror [NASA-CASE-GSC-11353-1] C23 N74-21304  CLOTFELTER, W. N.  Apparatus for the determination of the existance or non-existence of a bonding between two members Patent [NASA-CASE-MFS-13686] C15 N71-18132  CLOUGH, L. G. Driving lamps by induction [NASA-CASE-MFS-21214-1] COBIN, J. C. Latching mechanism Patent [NASA-CASE-MSC-15474-1] C15 N71-26162  COCCA, P. J. Method and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-ERC-10325] C15 N72-25457	Impact energy absorbing system utilizing fracturable material [NASA-CASE-NPO-10671] c15 N72-20443  COLLINS, V. G. Recovery of potable water from human wastes in below-G conditions Patent [NASA-CASE-XLA-03213] c05 N71-11207  COLLINS, W. A. Flight control system [NASA-CASE-NSC-13397-1] c21 N72-25595  COLONY, J. A. Phototropic composition of matter [NASA-CASE-XGS-03736] c14 N72-22443  CONANT, J. E. Television simulation for aircraft and space flight Patent [NASA-CASE-XFR-03107] c09 N71-19449  CONE, C. D., JR. Minimum induced drag airfoil body Patent [NASA-CASE-XLA-00755] c01 N71-13410 Minimum induced drag airfoil body Patent [NASA-CASE-XLA-05828] c01 N71-13411 Absolute focus lock for microscopes
SCR lamp driver [NASA-CASE-GSC-10221-1]	Impact energy absorbing system utilizing fracturable material [NASA-CASE-NPO-10671] c15 N72-20443  COLLINS, V. G.  Recovery of potable water from human wastes in below-G conditions Patent [NASA-CASE-XLA-03213] c05 N71-11207  COLLINS, W. A.  Flight control system [NASA-CASE-NSC-13397-1] c21 N72-25595  COLONY, J. A.  Phototropic composition of matter [NASA-CASE-NSC-3736] c14 N72-22443  CONANT, J. E.  Television simulation for aircraft and space flight Patent [NASA-CASE-XPR-03107] c09 N71-19449  CONE, C. D., JR.  Minimum induced drag airfoil body Patent [NASA-CASE-XLA-00755] c01 N71-13410  Minimum induced drag airfoil body Patent [NASA-CASE-XLA-05828] c01 N71-13411  Absolute focus lock for microscopes [NASA-CASE-LAR-10184] c14 N72-22445
SCR lamp driver [NASA-CASE-GSC-10221-1] Digital phase locked loop [NASA-CASE-GSC-11623-1] C10 N73-31202  CLINE, R. W.  Method and apparatus for optically monitoring the angular position of a rotating mirror [NASA-CASE-GSC-11353-1] C23 N74-21304  CLOTFELTER, W. N.  Apparatus for the determination of the existance or non-existence of a bonding between two members Patent [NASA-CASE-MFS-13686] CLOUGH, L. G. Driving lamps by induction [NASA-CASE-MFS-21214-1] COBIN, J. C. Latching mechanism Patent [NASA-CASE-MSC-15474-1] COCCA, P. J. Method and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-ERC-10325] COE, H. H. High speed rolling element bearing	Impact energy absorbing system utilizing fracturable material [NASA-CASE-NPO-10671] c15 N72-20443  COLLINS, V. G.  Recovery of potable water from human wastes in below-G conditions Patent [NASA-CASE-XLA-03213] c05 N71-11207  COLLINS, W. A.  Flight control system [NASA-CASE-NSC-13397-1] c21 N72-25595  COLONY, J. A.  Phototropic composition of matter [NASA-CASE-NSC-3336] c14 N72-22443  COMANT, J. E.  Television simulation for aircraft and space flight Patent [NASA-CASE-XFR-03107] c09 N71-19449  CONE, C. D., JR.  Minimum induced drag airfoil body Patent [NASA-CASE-XLA-00755] c01 N71-13410  Minimum induced drag airfoil body Patent [NASA-CASE-XLA-05828] c01 N71-13411  Absolute focus lock for microscopes [NASA-CASE-LAR-10184] c14 N72-22445  COMGER, C. C.  Inductance device with vacuum insulation
SCR lamp driver [NASA-CASE-GSC-10221-1] Digital phase locked loop [NASA-CASE-GSC-11623-1] C10 N73-31202  CLINE, R. W.  Method and apparatus for optically monitoring the angular position of a rotating mirror [NASA-CASE-GSC-11353-1] C23 N74-21304  CLOTFELTER, W. N.  Apparatus for the determination of the existance or non-existence of a bonding between two members Patent [NASA-CASE-MFS-13686] CLOUGH, L. G. Driving lamps by induction [NASA-CASE-MFS-21214-1] COBIN, J. C. Latching mechanism Patent [NASA-CASE-MSC-15474-1] COCCA, P. J. Method and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-ERC-10325] COE, H. H. High speed rolling element bearing	Impact energy absorbing system utilizing fracturable material [NASA-CASE-NPO-10671] c15 N72-20443  COLLINS, V. G. Recovery of potable water from human wastes in below-G conditions Patent [NASA-CASE-XLA-03213] c05 N71-11207  COLLINS, W. A. Flight control system [NASA-CASE-MSC-13397-1] c21 N72-25595  COLONY, J. A. Phototropic composition of matter [NASA-CASE-XGS-03736] c14 N72-22443  CONANT, J. E. Television simulation for aircraft and space flight Patent [NASA-CASE-XFR-03107] c09 N71-19449  CONE, C. D., JR. Minimum induced drag airfoil body Patent [NASA-CASE-XLA-00755] c01 N71-13410 Minimum induced drag airfoil body Patent [NASA-CASE-XLA-05828] c01 N71-13411 Absolute focus lock for microscopes [NASA-CASE-LAR-10184] c14 N72-22445  CONGER, C. C. Inductance device with vacuum insulation [NASA-CASE-LEW-10330-1] c09 N72-27226
SCR lamp driver  [NASA-CASE-GSC-10221-1] Digital phase locked loop [NASA-CASE-GSC-11623-1] C10 N73-31202  CLINE, R. W.  Method and apparatus for optically monitoring the angular position of a rotating mirror [NASA-CASE-GSC-11353-1] C23 N74-21304  CLOTFELTER, W. N.  Apparatus for the determination of the existance or non-existence of a bonding between two members Patent [NASA-CASE-MFS-13686] C15 N71-18132  CLOUGH, L. G. Driving lamps by induction [NASA-CASE-MFS-21214-1] COBIN, J. C. Latching mechanism Patent [NASA-CASE-MSC-15474-1] COCCA, P. J.  Method and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-ERC-10325] COS, B. H.  High speed rolling element bearing [NASA-CASE-LEW-10856-1] COHEN, D. Fluid sample collector Patent	Impact energy absorbing system utilizing fracturable material [NASA-CASE-NPO-10671] c15 N72-20443  COLLINS, V. G.  Recovery of potable water from human wastes in below-G conditions Patent [NASA-CASE-XLA-03213] c05 N71-11207  COLLINS, W. A.  Flight control system [NASA-CASE-MSC-13397-1] c21 N72-25595  COLONY, J. A.  Phototropic composition of matter [NASA-CASE-XGS-03736] c14 N72-22443  CONANT, J. E.  Television simulation for aircraft and space flight Patent [NASA-CASE-XFR-03107] c09 N71-19449  CONE, C. D., JR.  Minimum induced drag airfoil body Patent [NASA-CASE-XLA-00755] c01 N71-13410  Minimum induced drag airfoil body Patent [NASA-CASE-XLA-05828] c01 N71-13411  Absolute focus lock for microscopes [NASA-CASE-LAR-10184] c14 N72-22445  CONGER, C. C.  Inductance device with vacuum insulation [NASA-CASE-LEW-10330-1] c09 N72-27226
SCR lamp driver [NASA-CASE-GSC-10221-1] Digital phase locked loop [NASA-CASE-GSC-11623-1] C10 N73-31202  CLINE, R. W.  Method and apparatus for optically monitoring the angular position of a rotating mirror [NASA-CASE-GSC-11353-1] C23 N74-21304  CLOTFELTER, W. N.  Apparatus for the determination of the existance or non-existence of a bonding between two members Patent [NASA-CASE-MFS-13686] C15 N71-18132  CLOUGH, L. G. Driving lamps by induction [NASA-CASE-MFS-21214-1] COBIN, J. C. Latching mechanism Patent [NASA-CASE-MSC-15474-1] C15 N71-26162  COCCA, P. J.  Method and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-ERC-10325] COE, H. H.  High speed rolling element bearing [NASA-CASE-LEW-10856-1] COHEN, D.  Fluid sample collector Patent [NASA-CASE-XMS-06767-1] C14 N71-20435	Impact energy absorbing system utilizing fracturable material [NASA-CASE-NPO-10671] c15 N72-20443  COLLINS, V. G.  Recovery of potable water from human wastes in below-G conditions Patent [NASA-CASE-XLA-03213] c05 N71-11207  COLLINS, W. A.  Flight control system [NASA-CASE-MSC-13397-1] c21 N72-25595  COLONY, J. A.  Phototropic composition of matter [NASA-CASE-XGS-03736] c14 N72-22443  CONANT, J. E.  Television simulation for aircraft and space flight Patent [NASA-CASE-XFR-03107] c09 N71-19449  CONE, C. D., JR.  Minimum induced drag airfoil body Patent [NASA-CASE-XLA-00755] c01 N71-13410  Minimum induced drag airfoil body Patent [NASA-CASE-XLA-05828] c01 N71-13411  Absolute focus lock for microscopes [NASA-CASE-LAR-10184] c14 N72-22445  CONGER, C. C.  Inductance device with vacuum insulation [NASA-CASE-LEW-10330-1] c09 N72-27226  CONIGLIO, G. V.  Petzval type objective including field shaping
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SCR lamp driver [NASA-CASE-GSC-10221-1] Digital phase locked loop [NASA-CASE-GSC-11623-1] C10 N73-31202  CLINE, R. W.  Hethod and apparatus for optically monitoring the angular position of a rotating mirror [NASA-CASE-GSC-11353-1] C23 N74-21304  CLOTFELTER, W. M.  Apparatus for the determination of the existance or non-existence of a bonding between two members Patent [NASA-CASE-MFS-13686] C15 N71-18132  CLOUGH, L. G.  Driving lamps by induction [NASA-CASE-MFS-21214-1] COBIN, J. C.  Latching mechanism Patent [NASA-CASE-MSC-15474-1] COBIN, J. C.  Method and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-ERC-10325] CCCA, P. J.  Hethod and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-ERC-10325] COB, H. H.  High speed rolling element bearing [NASA-CASE-LEW-10856-1] COHEN, D.  Fluid sample collector Patent [NASA-CASE-KNS-06767-1] COHEN, E. A.  Audio frequency marker system [NASA-CASE-ENC-10041] COHEN, M. P.  Digital modulator and demodulator Patent [NASA-CASE-ERC-10041] COHEN, R. A.  A method for selective gold diffusion of monolithic silicon devices and/or circuits Patent application [NASA-CASE-ERC-10072] Nethod and apparatus for stable silicon dioxide	Impact energy absorbing system utilizing fracturable material [NASA-CASE-NPO-10671]  COLLINS, V. G. Recovery of potable water from human wastes in below-G conditions Patent [NASA-CASE-ILA-03213]  COLLINS, W. A. Plight control system [NASA-CASE-MSC-13397-1]  COLLINS, W. A. Phototropic composition of matter [NASA-CASE-MSC-03736]  COLONY, J. A. Phototropic composition for aircraft and space flight Patent [NASA-CASE-IFR-03107]  CONANT, J. E. Television simulation for aircraft and space flight Patent [NASA-CASE-IFR-03107]  CONE, C. D., JR. Minimum induced drag airfoil body Patent [NASA-CASE-ILA-00755]  Minimum induced drag airfoil body Patent [NASA-CASE-ILA-05828]  Absolute focus lock for microscopes [NASA-CASE-ILA-10184]  CONGER, C. C. Inductance device with vacuum insulation [NASA-CASE-IEN-10330-1]  CONGER, C. C. Petzval type objective including field shaping lens Patent [NASA-CASE-SC-10700]  CONNOLLY, J. P. Automatic real-time pair-feeding system for 'animals [NASA-CASE-ARC-10302-1]  CONNOLLY, J. P. Automatic real-time pair-feeding system for 'animals [NASA-CASE-ARC-10302-1]  CONNOR, E. W. Condensate removal device for heat exchange [NASA-CASE-MSC-14143-1]
SCR lamp driver [NASA-CASE-GSC-10221-1] Digital phase locked loop [NASA-CASE-GSC-11623-1] C10 N73-31202  CLINE, R. W.  Method and apparatus for optically monitoring the angular position of a rotating mirror [NASA-CASE-GSC-11353-1] C23 N74-21304  CLOTFELTER, W. M.  Apparatus for the determination of the existance or non-existence of a bonding between two members Patent [NASA-CASE-MFS-13686] CLOUGH, L. G. Driving lamps by induction [NASA-CASE-MFS-21214-1] COBIN, J. C. Latching mechanism Patent [NASA-CASE-MFS-21214-1] COCCA, F. J. Method and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-ERC-10325] COB, H. B. High speed rolling element bearing [NASA-CASE-ERC-10856-1] COHEN, D. Fluid sample collector Patent [NASA-CASE-INW-10856-1] COHEN, E. A. Audio frequency marker system [NASA-CASE-NBO-11147] COHEN, E. A. Audio frequency marker system [NASA-CASE-NBO-11147] COHEN, E. A. Audio frequency marker system [NASA-CASE-RC-10041] COBEN, R. A. A method for selective gold diffusion of monolithic silicon devices and/or circuits Patent application [NASA-CASE-ERC-10072] Method and apparatus for stable silicon dioxide layers on silicon grown in silicon nitride	Impact energy absorbing system utilizing fracturable material [NASA-CASE-NPO-10671]  COLLINS, V. G. Recovery of potable water from human wastes in below-G conditions Patent [NASA-CASE-XLA-03213]  COLLINS, W. A. Flight control system [NASA-CASE-MSC-13397-1]  COLONY, J. A. Phototropic composition of matter [NASA-CASE-MSC-03736]  CONANT, J. E. Television simulation for aircraft and space flight Patent [NASA-CASE-XFR-03107]  CONE, C. D., JR. Minimum induced drag airfoil body Patent [NASA-CASE-XLA-000755]  Minimum induced drag airfoil body Patent [NASA-CASE-XLA-05828]  CONGER, C. C. Inductance device with vacuum insulation [NASA-CASE-LEN-10184]  CONGER, C. C. Inductance device with vacuum insulation [NASA-CASE-LEN-10330-1]  CONIGLIO, G. V. Petzval type objective including field shaping lens Patent [NASA-CASE-SC-10700]  CONF, J. H. Moment of inertia test fixture Patent [NASA-CASE-XGS-01023]  CONFOLIX, J. P. Automatic real-time pair-feeding system for animals [NASA-CASE-ARC-10302-1]  CONNOB, E. W. Condensate removal device for heat exchange [NASA-CASE-MSC-14143-1]  CONNORS, J. F.
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[ [ NASA-CASE-XLE-00222 ] c02 N70-37939 Penshape exhaust nozzle for supersonic engine	Signal-to-hoise ratio estimating by taking ratio of mean and standard deviation of integrated
Patent [NASA-CASE-ILE-00057] c28 N70-38711	signal samples Patent [NASA-CASE-XNP-05254] c07 N71-20791
Telescoping-spike supersonic inlet for aircraft	[NASA-CASE-XNP-05254] c07 N71-20791 Method and apparatus for frequency-division
engines Patent [NASA-CASE-XLE-00005]	multiplex communications by digital phase
Thrust and direction control apparatus Patent	shift of carrier [NASA-CASE-NPO-11338] c08 N72-25208
[NASA-CASE-XLE-03583] c31 N71-17629 CONRAD, R. H.	Apparatus for deriving synchronizing pulses from
Thrust vector control apparatus Patent	pulses in a single channel PCM communications system
L NASA-CASE-XLE-00208 ] c28 N70-34294	[ NASA-CASE-NPO-11302-1] c07 N73-13149
Non-reusuable kinetic energy absorber Patent [NASA-CASE-XLE-00810] c15 N70-34861	Pseudonoise (PN) synchronization of data system with derivation of clock frequency from
CONHAD, B. H.	received signal for clocking receiver PN
Prequency modulation demodulator threshold extension device Patent	generator
[NASA-CASE-MSC-12165-1] c07 N71-33696	[NASA-CASE-XNP-03623] c09 N73-28084 Method and apparatus for a single channel
COOGLE, J. H. Method of planetary atmospheric investigation	digital communications system
using a split-trajectory dual flyby mode Patent	[NASA-CASE-NPO-11302-2] CO7 N74-10132 COHAN, J. J.
[NASA-CASE-NAC-08494] c30 N71-15990 COOK, T. A.	Holographic device
Metering gun for dispensing precisely measured	[NASA-CASE-MFS-22040-1] c16 N73-26500 COURLL, T. B.
Charges of fluid	Aerodynamic spike nozzle Patent
[NASA-CASE-MPS-21163-1]	[NASA-CASE-XGS-01143] c31 N71-15647
Detector panels-micrometeoroid impact Patent	Analog-to-digital converter
[NASA-CASE-ILA-05906] c31 H71-16221 COOLIDGE, J. B.	[NASA-CASE-MSC-13110-1] c08 N72-22163
Data transfer system Patent	CRABILL, No L.  Control system for rocket vehicles Patent
[NASA-CASE-NPO-12107] c08 N71-27255	[NASA-CASE-XLA-01163] c21,N71+15582
Vibrating element electrometer with output	CRAMPORD, R. Solar energy powered heliotrope
signal magnified over input signal by a	[NASA-CASE-GSC-10945-1] c21 N72-31637
function of the mechanical Q of the vibrating element Patent	CRABFORD, H. E. Drive circuit for minimizing power consumption
[NASA-CASE-IAC-02807] c09 N71-23021	in inductive load Patent
Thermally cycled magnetometer Patent [NASA-CASE-XAC-03740] c14 N71-26135	[NASA-CASE-NPO-10716] c09 N71-24892
COOPER, C. B.	CREASY, 6. K. Shock absorber Patent
Underwater space suit pressure control regulator [NASA-CASE-MFS-20332] cos N72-20097	[NASA-CASE-XMS-03722] c15 N71-21530
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[NASA-CASE-MFS-20332-2] CO5 N73-25125 COOPER, D. 8.	[NASA-CASE-XMS-05562-1] CO9 N69-39986
Generator for a space power system Patent	CREE, R. F. Catalyst for growth of boron carbide single
[NASA-CASE-XLE-04250] CO9 N71-20446 COOPER, H. R.	crystal whiskers
Collapsible Apollo couch	[NASA-CASE-XHQ-03903] c15, N69-21922 CREPEAU, P. C.
[NASA-CASE-MSC-13140] c05 N72-11085 COPELAND, J. T., JR.	Plexible, repairable, pottable material for
Bigh speed photo-optical time recording	electrical connectors Patent [NASA-CASE-XGS-05180] c18 N71-25881
[NASA-CASE-KSC-10294] C14 N72-18411 CORBIN, P. L.	CRESS, S. B.
Automatic fatigue test temperature programmer	Coaxial inverted geometry transistor having buried emitter
Patent	[NASA-CASE-ARC-10330-1] c09 N73-32112
[NASA-CASE-XLA-02059] C33 N71-24276 CORMILLE, H. J., JR.	CRESSRY, J. R. Display for binary characters Patent
Stretch de-spin mechanism Patent	[NASA-CASE-XGS-04987] C08 N71-20571
[NASA-CASE-XGS-00619] c30 N70-40016 CORNISH, S.	CREUS, J. H., JR. Strain coupled serve control system Patent
Flame detector operable in presence of proton	[NASA-CASE-KLA-08530] c32 N71-25360
radiation [NASA-CASE-MFS-21577-1]	CRIBB, H. E. Parasitic probe antenna Patent
CORSON, B. H., JR.	[NASA-CASE-XKS-09348] c09 N71-13521
Nozzle Patent [NASA-CASE-XLA-00154] C28 N70-33374	Heatherproof helix antenna Patent
Cascade plug nozzle	[WASA-CASE-IKS-08485] C07 N71-19493 WHF/UHF parasitic probe antenna Patent
[NASA-CASE-LAR-10951-1] c28 N73-19819 COSTES, N. C.	[NASA-CASE-IKS-09340] c07 N71-24614
Self-recording portable soil penetrometer	Validation device for spacecraft checkout equipment Patent
[NASA-CASE-HFS-20774] c14 N73-19420 COSTON, R. H.	[NASA-CASE-XKS-10543] c07 N71-26292
Dual solid cryogens for spacecraft refrigeration	Protective suit having an audio transceiver Patent [NASA-CASE-KSC-10164] c07 N71-33108
Patent	Collapsible high gain antenna
[NASA-CASE-GSC-10188-1] c23 N71-24725 COTE, C. E.	[NASA-CASE-KSC-10392] c07 N73-26117 CROFT, R. H.
Display for binary characters Patent	Personal propulsion unit Patent
[NASA-CASE-IGS-04987]	[NASA-CASE-MFS-20130] C28 N71-27585 CROFTS, D. B.
Apparatus for aiding a pilot in avoiding a	Heat flux sensor assembly
nidair collision between aircraft [NASA-CASE-LAR-10717-1] c21 N73-30641	[NASA-CASE-INS-05909-1] c14 N69-27459
COULBERT, C. D.	CROSUBLL, H. F. Onnidirectional microwave spacecraft antenna
Hultislot film cooled pyrolytic graphite rocket nozzle Patent	Patent
	[NASA-CASE-XLA-03114] c09 N71-22888

Stacked array of omnidirectional ant	ennas	schiff-base exchange reactions [NASA-CASE-XMF-08651]	Patent c06 N71-11236
[NASA-CASE-LAR-10545-1] Dielectric loaded aperture antenna	c09 N72-21244	pirect synthesis of polymeric sc	hiff bases from
[NASA-CASE-LAR-11084-1]	c09 N73-12216	two amines and two aldehydes	Patent
CBOUCH, H. W.		[NASA-CASE-IMF-08655] Azine polymers and process for p	c06 N71-11239
Shrink-fit gas valve Patent [NASA-CASE-XGS-00587]	c15 N70-35087	same Patent	
CHOW, R. B.		[NASA-CASE-XMF-08656]	c06 N71-11242
Wide band doubler and sine wave quad	rature	Synthesis of polymeric schiff ba- of acetals and amine compounds	ses by reaction Patent
generator [NASA-CASE-NPO-11133]	c10 N72-20223	[NASA-CASE-XMF-08652]	c06 N71-11243
Filter for third order phase locked		Aromatic diamine-aromatic dialde	
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CRUM, G. W. Poot pedal operated fluid type exerc	ising device	[NASA-CASE-XMF-03074]	c06 N71-24740
[NASA-CASE-MSC-11561-1]	c05 N73-32014	DALY, W. H.	
CRUMPLER, N. B.		Fault-tolerant clock apparatus [NASA-CASE-MSC-12531-1]	c14 N73-22386
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Multilegged support system Patent		Instrument for measuring potenti	als on two
[NASA-CASE-KLA-01326]	c11 N71-21481	dimensional electric field plo FNASA-CASB-XLA-08493]	ts Patent c10 N71-19421
CRUTCHER, J. E. Isolation coupling arrangement for a	torque	DANNIG, A. H., JE.	010 MI, 13141
measuring system		Capacitive tank gaging apparatus	
[NASA-CASE-XLA-04897]	c15 N72-22482	independent of liquid distribu	c14 N72-22442
CUBBISON, R. W.	ne Patent	[NASA-CASE-MFS-21629] DANCHENKO, V.	C14 U72-22442
Thrust and direction control apparat [NASA-CASE-XLE-03583]	c31 N71-17629	Radiation hardening of MOS devic	
CUBLEY. H. D.		[NASA-CASE-GSC-11425-2]	c09 N73-32114
Antenna array phase quadrature track	ing system	Radiation hardening of MOS devic [NASA-CASE-GSC-11425-1]	c24 N74-20329
Patent [NASA-CASE-MSC-12205-1]	c07 N71-27056	DANE, D. H.	
CONNINGRAM, H. R.		Harness assembly Patent	c05 N71-12341
Potable water dispenser	c05 N74-12779	[NASA-CASE-MPS-14671] Air cushion lift pad Patent	COS #71-12547
[NASA-CASE-MFS-21115-1] CURRIE, J. R.	COS M14-12775	[NASA-CASE-MFS-14685]	c31 N71-15689
Bi-carrier demodulator with modulati	on Patent	Ratchet mechanism Patent	c15 N71-17805
	c07 N71-11298	[NASA-CASE-MFS-12805] Mechanical simulator of low graw	
Transistor servo system including a differential amplifier circuit Pa	itent	Patent	
[NASA-CASE-KMF-05195]	c10 N71-24861	[MASA-CASE-MPS-10555]	c11 N71-19494
Pulse width inverter Patent	c10 N71-25139	<pre>Hechanically actuated triggered [NASA-CASE-MFS-20413]</pre>	c15 N72-21463
[NASA-CASE-MFS-10068] Ratemeter	C10 W/1-25139	Sprag solenoid brake	
(NASA-CASE-MFS-20418)	c14 N73-24473	[NASA-CASE-MPS-21846-1]	c15 N73-23552
Induction motor control system with controlled oscillator circuit	voltage	Remote manipulator system [NASA-CASB-AFS-22022-1]	c05 N74-10099
[NASA-CASE-MFS-21465-1]	c10 N73-32145	Orthotic arm joint	
CURRIE, R. E., JR.		[NASA-CASE-MFS-21611-1]	c05 974-10100
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CURRY, J. E.		[NASA-CASE-XLE-00342]	c28 #70-37980
Method of producing alternating ethe	er siloxane	DANIELS, H. J. Adaptive tracking notch filter s	vster Patent
copolymers Patent [NASA-CASE-XMF-02584]	c06 N71-20905	[NASA-CASE-XMF-01892]	c10 N71-22986
CURRY, K. C.		DANSKIN, J. H.	aamhustian
Torsional disconnect unit [NASA-CASE-NPO-10704]	c15 N72-20445	Fuel injection pump for internal engines Patent	
CURRY, R. B.		[ NĀSA-CASE-MSC-12139-1]	c28 N71-14058
Display research collision warning :	system c21 N73-13643	DARCEY, R. J. Satellite communication system a	and method Patent
[NASA-CASE-HQN-10703] CURTIS, D. L.	021 W/S-15045	[NASA-CASE-GSC-10118-1]	c07 N71-24621
Life support system		DARR, J., JR.	
(NASA-CASE-MSC-12411-1)	c05 N72-20096	Threadless fastener apparatus   E   NASA-CASE-XFR-05302	c15 N71-23254
CZARCINSKI, B. A. Programmable telemetry system Pate.	nt	DARRON, W. E., JE.	
[NASA-CASE-GSC-10131-1]	c07 N71-24624	Collapsible nozzle extension for	rocket engines
5		Patent [NASA-CASE-MFS-11497]	c28 N71-16224
D		DASGUPTA, K.	
DAEGES, J. J.		Dual purpose optical instrument simultaneously acting as spect	capable of
Motor run-up system [NASA-CASE-NPO-13374-1]	c10 N74-17949	diffractometer	
DAHM, W. K.		[NASA-CASE-KNP-05231]	c14 N73-28491
Clear air turbulence detector	~00 X70 01600	DAVID, R. M. Inculated electrodardiographic	2Ahrttaale
[NASA-CASE-MFS-21244-1] DAILEY, C. C.	c20 N73-21523	Insulated electrocardiographic ( [NASA-CASE-MSC-14339-1]	c05 N73-21151
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[NASA-CASE-MFS-20333]	c09 N71-13486	Guidance and maneuver analyzer [NASA-CASE-XNP-09572]	c14 N71-15621
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DALE, W. J.		Spacecraft attitude sensor	204 N72 206HA
Improved bonding method in the manu continuous regression rate sensor		[NASA-CASE-GSC-10890-1] DAVIDSON, J. K.	c21 N73-30640
[NASA-CASE-LAR-10337-1]	c15 N74-14141	Ripple indicator	_ =
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DAVIES, B. D. T.		DE 6
Correlation type phase detector. [NASA-CASE-GSC-11744-1]	c09 N73-23291	1
DAVIS, A. J.		DE 1
<pre>Piber optic vibration transducer a     Patent</pre>	nd analyzer	\$
[NASA-CASE-XMF-02433]	c14 N71-10616	
DATIS, B. K.		DR S
Spectral method for monitoring atm contamination of inert-gas weldi	ospheric na shields	1
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[NASA-CASE-MMF-02039] Stud-bonding gun	c15 N71-15871	DR t
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DAVIS, D. P.	C25 M14-14450	•
Quick disconnect coupling [NASA-CASE-NPO-11202]	a15 m72_25#60	1
DAVIS, E. J.	c15 N72-25450	J
Cable stabilizer for open shaft ca	ble operated	
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DAVIS, E. S.		
Anti-glare improvement for optical systêms Patent	1 maging	1
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Reference voltage switching unit	C14 N71-23737	DECK
[NASA-CASE-NPO-11253] DAVIS, J. G., JR.	c09 N72-17157	H
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Uninsulated in-core thermionic dio-	de	7
[NASA-CASE-NPO-10542] DAVIS, J. U.	c09 N72-27228	DD.
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[NASA-CASE-M75-12915]	c11 x71-17600	
Find tunnel test section [NASA-CASE-MFS-20509]	c11 N72-17183	DEL S
Altitude simulation chamber for roo		_
testing [NASA-CASE-MPS-20620]	c11 N72-27262	DEL
DAVIS, L. P.		E
Isolation coupling arrangement for measuring system	a torque	
[NASA-CASE-XIA-04897]	c15 N72-22482	DELA
DAVIS, N. S. Decomposition unit Patent		E
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DAVIS, 8. T. Strain coupled servo control system	m Datont	C
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DAVISON, E. H.		В
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[NASA-CASE-XLE-01246] DAVISON, H. H.	c14 N71-10797	P
Gaseous control system for nuclear		
[NASA-CASE-XLE-04599] DAHN F. S.	c22 N ⁷ 2-20597	F
Burn rate testing apparatus	•	•
[NASA-CASE-XHS-09690] DAY, J. L.	c33 N72-25913	
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[NASA-CASE-XMS-02872] Pressed disc type sensing electrode	c05 N69-21925	L
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		itting diode	-
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		j bandpass filter	
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c31 N70-42075

berr, L. J.	wide range dynamic pressure sensor
Direct radiation cooling of the coffector of	Mondispersive gas analyzing method and apparatus
linear heam tubes [NASA-CASE-INP-09227] c15 N69-24319	wherein radiation is serially passed through a
managed and overly means for cavity	reference and unknown gas [NASA-CASE-ARC-10308-1] c06 H72-31141
resonator of amplitier Patent	Chronato-fluorographic drug detector
pasa-casp-int outry;	[NASA-CASE-ARC-10633-1] C05 B/3-22048
array employing indexing means for cathode	Diode-guad bridge circuit means
substitution Patent	[RASA-CASE-ARC-10364-2(B)] C09 H74-14941 DIX, H. G.
I NASA-CASE-AFO-10020]	Demodulation system Patent
Thermostatic actuator [NASA-CASE-NPO-10637] c15 N72-12409	[NASA-CASE-XAC-04030] C10 N/1-194/2
Thermal motor	DINON, G. V. Active vibration isolator for flexible bodies
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Electrostatically controlled heat shutter [RASA-CASE-NPO-11942-1] c33 N73-32818	[NASA-CASE-LAR-10106-1] c15 H71-27169
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Filter regeneration systems	[NASA-CASE-NPO-10758] c14 H73-14427
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parallel ares Patent	convolutional codes
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NYBHTRST. D. I.	Adjustable tension wire guide Patent
Deformable vehicle wheel Patent [NASA-CASE-MPS-20400] c31 N71-18611	[BASA-CASE-XES-02383] c15 N71-15918
TARENT AND TOTAL	DONALDSON, R. W., JR.
Diversity receiving system with diversity phase	Gas chromatograph injection system [NASA-CASE-ARC-10344-1] c14 B72-21433
lock Patent	Gas chromatograph injection system
I DEST ACED 1	[ HASA-CASE-ARC-10344-2] C14 N74-20021
Central spar and module joint Patent	DONNELLY, P. C.
[ NASA-CASE-XNP-02341] c15 N71-21531	Prevention of pressure build-up in electrochemical cells Patent
DIBATTISTA, J. D.	[ NASA-CASE-XGS-01419 ] C03 N70-41864
Anti-meteoroid device [NASA-CASE-LAR-10788-1] c31 N73-20880	DONBINI, J. B.
Determining particle density using known	Hydrogen fire blink detector [BASA-CASE-MFS-15063] c14 872-25412
material Regemiet Curves	DOMORUE A. H.
[RASA-CASE-LAR-11059-1] C30 N73-26838 Meteoroid impact position locator aid for manued	passive dual spin misalignment compensators
space vehicles	[ MASA-CASE-GSC-11479-1] c21 N73-11680
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DIBBLE, A. C.	[NASA-CASE-XNP-02595] c31 m71-21881
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DICKRNS L. R.	Drying apparatus for photographic sheet material [NASA-CASE-GSC-11074~1] c14 M73-28489
Millimeter wave pumped parametric amplifier  fNasa-case-GSC-11617-11 c09 N74-10200	noorg. H.
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Amplitude steered array	[WASA-CASE-XLA-00670] CON N71-12501 Controllable high voltage source having fast
[NASA-CASE-GSC-11446-1] c09 N74-20860	settling time
DILLOW, R. P., JR.  Shock absorbing mount for electrical components	[BASA-CASE-GSC-11844-1] c09 N74-19853
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ntwork J	Nose cone mounted heat resistant antenna Patent [NASA-CASE-IMS-04312] c07 N71-22984
Cryogenic apparatus for measuring the intensity	DOTSON, N. P., JR.
of magnetic fields [NASA-CASE-XAC-02407] c14 H69-27423	Digital to analog conversion apparatus
Apparatus for coupling a plurality of ungrounded	£
circuits to a grounded circuit Patent	DOUGHERTY, H. B. Rotary solehold shutter drive assembly and
[NASA-CASE-XAC-00086] C09 N/U-33182 Two-plane balance Patent	rotary inertia damper and stop plate assembly
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[NASA-CASE-XAC-00042] c14 N70-34816 High speed low level electrical stepping switch	devices Patent
Patent	[NASA-CASE-XHS-06497] c14 H71-26244
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Dynamic sensor Patent fNASA-CASE-XAC-028771 c14 N70-41681	[NASA-CASE-XLR-00106] c15 N71-1607
[NASA-CASE-XAC-02877] C14 N70-41681 Blectrostatic charged particle analyzer having	DOUGLAS, J. L.
deflection members shaped according to the	Hazimum power point tracker Patent
periodic voltage applied thereto Patent	
[NASA-CASE-XAC-05506-1] c24 N71-16095	DOW, N. F. Two component bearing Patent
Inertial reference apparatus Patent [NASA-CASE-XAC-03107] c23 N71-16098	[NASA-CASE-XLA-00013] c15 H71-29136
Thermal detector of electromagnetic energy by	DOWLER, W. L.
means of a vibrating electrode Patent	Solid propellant rocket notor nozzle [NASA-CASE-NPO-11458] c28 N72-2381
[NASA-CASE-XAC-10768] c09 N71-18830 Wibrating element electrometer with output	and a second and worked notes
signal magnified over input signal by a	[NASA-CASE-NPO-11559] C28 N73-2476
function of the mechanical Q of the wibrating	DOWES, W. M. Transpirationally cooled heat ablation system
element Patent [NASA-CASE-XAC-02807] C09 N71-23021	Pot ont
[NASA-CASE-NAC+02807] C09 N71-23021	Patent

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Hethod for obtaining oxygen from lunar or similar soil	Two carrier communication system with single transmitter
[ BASA-CASE-BSC-12408-11 c13 #74-13011	[NASA-CASE-NPO-11548] c07 N73-26118
DOTLE, J. C. , Heasuring device Patent	EASTOE, R. A.
', [MASA-CASE-XHS-01546] c14 N70-40233	Data Dultiplexer using tree switching configuration
PRESHFIELD, R. L.	[NASA-CASE-MPO-11333] c08 N72-22162
Cobalt-base alloy [BASA-CASE-LEB-10436-1] c17 E73-32415	Flexible computer accessed telemetry [NASA-CASE-NPO-11358] c07 N72-25172
DREXHAGE, H. G.	BBRESOLE, T. J.
Injection head for delivering liquid fuel and oxidizers	Inverter ratio failure detector
[NASA-CASE-MPO-10046] c28 M72-17843	[NASA-CASE-NPO-13160-1] c14 H74-18090 BBIHARA, B. T.
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Beans for accommodating large overstrain in lead mires	[HASA-CASE-XLE-03432] c33 H71-24145 BBV, R. J.
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DU PONT, P. S. Solar panel fabrication Patent	Transpiration cooled turbine blade manufactured
[ MASA-CASE-IMP-03413 ] c03 N71-26726	from wires Patent [MASA-CASE-XLE-00020] c15 N70-33226
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DUBOIS, R. D.	EDDIES, 7. O.
A guide for a typewriter [NASA-CASE-HFS-15218-1] c15 N73-31438	Space craft soft landing system Patent
DUFFI, J. O.	[MASA-CASE-IHF-02108] C31 N70-36845 Hissile launch release system Patent
Binimal logic block encoder Patent	[NASA-CASE-IHF-03198] c30 N70-40353
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Flexible, repairable, pottable material for	[WASA-CASE-XLA-03538] c15 H71-24897
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DOUAVANT, J. C.	Blectrical switching device Patent [BASA-CASE-NPO-10037] c09 N71-19610
Not air ballon deceleration and recovery system	BDRARDS, G. G.
[NASA-CASE-KLA-06824-2]	Flight craft Patent [NASA-CASE-XAC-02058] c02 N71-16087
DUDE, J. G.	EGGERS, A. J., JR.
Satellite interlace synchronization system [NASA-CASE-GSC-10390-1] c07 N72-11149	Plight craft Patent [NASA-CASE-XAC-02058] c02 N71-16087
DONE, J. H.	[NASA-CASE-IAC-02058] c02 N71-16087 EGLI ₀ P ₀ H ₀
Poldable conduit Patent [NASA-CASE-XLE-00620] c32 H70-41579	Hethod of forming transparent films of 2no
DODE, S. T.	[NASA-CASE-FEC-10019] c15 N73-12487 EEREMPELD, D. A.
Ellipsoidal nirror reflectometer including means	Excitation and detection circuitry for a flux
for averaging the radiation reflected from the sample Patent	responsive magnetic head [NASA-CASE-XNP-04183] c09 N69-24329
[HASA-CASE-XGS-05291] c23 H71-16341	Incremental tape recorder and data rate
DONE, W. R. Coaxial inverted geometry transistor having	converter Patent [MASA-CASE-XNP-02778] c08 N71-22710
buried emitter	[ MASA-CASE-XNP-02778 ] COS N71-22710 BICHEUBRENDER, P. R.
[MASA-CASE-ARC-10330-1]	Anti-buckling fatigue test assembly
Process for preparation of dianilinosilanes Patent	[ HASA-CASE-LAR-10426-1] c32 H74-19528 BICHEBBRENDER, P. P.
[NASA-CASE-XHF-06409] c06 N71-23230 Process for preparation of high-nolecular-	Hydraulic grip Patent
recess for preparation of high-molecular- meight polyaryloxysilanes Patent	[NASA-CASE-XLA-05100] c15 N71-17696 Light shield and infrared reflector for fatigue
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DUBLING, J. C., JR. Slug flow magnetohydrodynamic generator	[MASA-CASE-XLA-01782] c14 M71-26136 Anti-buckling fatigue test assembly
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DUPRAN, U. A. A. Analytical test apparatus and method for	RICHEDTHAL, J.
determining oxide content of alkali metal Patent	Bide angle long eye relief eyepiece Patent [MASA-CASE-XHS-06056-1] c23 H71-24857
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DDBHEY, G. P. Space soit	Data compressor Patent [NASA-CASE-XNP-04067] C08 N71-22707
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DUSTIE, E, O. Pneumatic oscillator Patent	Acoustically controlled distributed feedback laser
[NASA-CASE-LEU-10345-1] c10 N71-25899	[WASA-CASE-MPO-13175-1] c16 M73-27431 BLDER, D. D.
Æ	Internal flare angle gauge Patent
<b>E</b>	[ NASA-CASE-IHF-04415 ] c14 H71-24693 ELIA, A. D.
BASLBY, H. Co	Honopulse system with an electronic scanner
Resonant waveguide Stark cell [MASA-CASE-LAR-11352-1] c09 H74-19854	[NASA-CASE-IGS-05582] c07 #69-27460 BLLEHAU, D. D.
Basterling, D. P.	Continuous pagnetic flux pump
Radar ranging receiver Patent [NASA-CASE-INP-00748] c07 H70-36911	[NASA-CASE-XNP-01187] c15 N73-28516
Phase-locked loop with sideband rejecting	Superconductive magnetic-field-trapping device [BASA-CASE-XMP-01185] c26 E73-28710
properties Patent	Haterial suspension within an acoustically
[BASA-CASE-MBP-02723] c07 N70-41680 Time synchronization system utilizing moon	excited resonant chamber [BASA-CASE-BPO-13263-1] c15 B73-31643
reflected coded signals Patent	Hagnetic-flum pump
f NASA-CASE-NPO-10143] c10 N71-26326	[ NASA-CASE-END-01988 ] -15 #72-22264

Heat operated cryogenic electrical ge	nerator	Method of producing a storage bulb for hydrogen maser	r an atomic
I MADA CADE STO	c03 N74-19701	[NASA-CASE-NPO-13050-1]	c16 N73-18508
<pre>ELLERB, W_ B_      Method of evaluating moisture barrier</pre>	properties	ERRETT, D. D.	
of encapsulating materials Patent	c18 N71-24934	Canopus detector including automotive control of photomultiplier tube Pa	
(NASA-CASE-NPO-10051) ELLIOTT, D. G.	C10 M71 24334	[NASA-CASE-XNP-03914]	c21 N71-10771
Magnetohydrodynamic induction machine		ESCHER, W. J. D.	
CNASA_CASE_YNP-074811	C25 Nb9-21929	Attitude and propellant flow control method Patent	system and
Two-fluid magnetohydrodynamic system for thermal-electric power conversi	on Patent	[NASA-CASE-XMF-00185]	c21 N70-34539
rnasa-casr-xnp-006441	C03 N/0-36803	Composite powerplant and shroud there	efor Patent
Two phase flow system with discrete i	mpinging	[NASA-CASE-XLA-01043] Injector assembly for liquid fueled r	c28 N71-10780 cacket
two-phase jets [NASA-CASE-NPO-11556]	c12 N72-25292	engines Patent	
RILIOTT R. L.		[NASA-CASE-XMF-00968]	c28 N71-15660
Preparation of ordered poly /arylenes	iloxane/	RSGAR, J. B. Thin-walled pressure vessel Patent	
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Fluorinated esters of polycarboxylic	acids	Ophthalmic liquefaction pump	-00 W73 22000
[NASA-CASE-MFS-21040-1]	c06 N73-30098	[NASA-CASE-LEW-12051-1] RSEEW, M. H., JR.	c04 N73-32000
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Simple method of making photovoltaic	Junctions	Coaxial high density, hypervelocity page generator and accelerator with ions	izable metal
	c09 N71-23027	disc	•
Method of electrolytically binding a	layer of	[NASA-CASE-MPS-20589]	c25 N72-32688
semiconductors together Patent	c26 N71-23043	RSTES, E. G., Rocket nozzle test method Patent	
[NASA-CASE-XNP-01959] Method of changing the conductivity of		[NASA-CASE-NPO-10311]	c31 N71-15643
deposited gallium arsenide by the i	ntroduction	ESTES, N. P.	
of water into the Vapor deposition	atmosphere	Apparatus for making diamonds [NASA-CASE-MFS-20698]	c15 N72-20446
Patent [NASA-CASE-XNP-01961]	c26 N71-29156	Process for making diamonds	015 1112 20170
BMDE, W. D.	22 11 2 12 1	[ NASA-CASE-MPS-20698-2 ]	c15 N73-19457
Btching of aluminum for bonding Pate		BUBANKS, A. G.	ntancities
[	c17 N71-23828	Device for measuring electron-beam is and for subjecting materials to ele	
Laser grating interferometer Patent		irradiation in an electron microsco	ope
	c16 N71-24170	[NASA-CASE-XGS-01725]	c14 N69-39982
ENGRL, A. Digital video display system using ca	thode tay	Foamed in place ceramic refractory is material Patent	ISGIACINY
tube	renode ray	[ NASA-CASE-XGS-02435 ]	c18 N71-22998
[ NASA-CASE-NPO-11 342 ]	c09 N72-25248	EULITZ, W. R.	5 ()
Symmetrical odd-modulus frequency div		Slosh suppressing device and method [NASA-CASE-XMF-00658]	c12 N70-38997
[NASA-CASE-NPO-13426-1] ENGLAR, K. G.	c09 N74-18869	EVANS, D. D.	012 2,70 3000
Artificial gravity spin deployment sy	stem Patent	Ignition means for monopropellant P	atent
[NASA-CASE-INP-02595]	c31 N71-21881	[NASA-CASE-XNP-00876] EVANS, D. G.	c28 N70-41311
ENIE, R. B. Method of repairing discontinuity in	fiber glass	Multistage multiple-reentry turbine	Patent
structures		[NASA-CASE-XLE-00170]	c15 N70-36412
Emman - m - man - m - m - m - m - m - m - m - m - m -	c15 N72-27527	Multistage multiple-reentry turbine [NASA-CASE-XLE-00085]	c28 N70-39895
Water cooled contactor for anode in	carbon arc	EVANS, E. H.	C20 A.V 3307-
mechanism		Strain sensor for high temperatures	Patent
	c15 N69-24266	[NASA-CASE-XNP-09205]	c14 N71-17657
<b>Segmenting lead telluride-silicon gen</b>	cmanium	RVANS, F. D. Autoignition test cell Patent	
thermoelements Patent		[ NASA-CASE-KSC-10198 ]	c11 N71-28629
[NASA-CASE-XGS-05718]	c26 N71-16037	EVANS, J.	n+ innlication
Tungsten contacts on silicon substrated [NASA-CASE-GSC-10695-1]	tes   c09 N72-25259	<pre>Millimeter wave antenna system Pate       (NASA-CASE-GSC-10949-1]</pre>	c07 N71-28965
EPSTRIN, P.		Solenoid valve including guide for a	rmature and
Drying apparatus for photographic sho		valve member [NASA-CASE-GSC-10607-1]	c15 N72-20442
[NASA-CASE-GSC-11074-1] BRB, B. B.	c14 N73-28489	Nutation damper	015 872 20415
Heat shield Patent		[NASA-CASE-GSC-11205-1]	c15 N73-25513
[NASA-CASE-XMS-00486]	c33 N70-33344	RAPIDLY pulsed, high intensity, inco	herent light
ERICKSON, N. D.  Hypersonic test facility Patent		source	netent light
[NASA-CASE-XLA-00378]	c11 N71-15925	[NASA-CASE-XLE-2529-3]	c09 N74-20859
Hypersonic test facility Patent	44 074 04075	EVENSEN, D. A.	
[NASA-CASE-XLA-05378] Ablation article and method	c11 N71-21475	Buoyant anti-slosh system Patent [NASA-CASE-XLA-04605]	c32 N71-16106
[NASA-CASE-LAR-10439-1]	c33 N73-27796	EVVARD, J. C.	•
ERLICHMAN, L.		Ophthalmic method and apparatus	-06 NTO 07069
Telemetry processor	c07 N73-24187	[NASA-CASE-LEW-11669-1] EWEN, H. I.	c05 N73-27062
[NASA-CASE-GSC-11388-1] ERPENDACH, H.	VVI 813-44101	Method and means for providing an ab	solute power
Means and methods of depositing thin	films on	measurement capability Patent	
substrates Patent	015 N70-7/067	[NASA-CASE-ERC-11020] Clear air turbulence detector	c14 N71-26774
[NASA-CASE-XNP-00595] Process for reducing secondary elect	c15 N70-34967 ron emission	[NASA-CASE-ERC-10081]	c14 N72-28437
Patent		EZEKIEL, P. D.	. Date :
[NASA-CASE-XNP-09469]	c24 N71-25555	Fluid power transmitting gas bearing [NASA-CASE-ERC-10097]	c15 N71-28465
		where the second second second	

÷	e		FRILER, C. E.	
	F		Control of transverse instability in	rocket
PARTH, P. A.			combustors Patent [NASA-CASE-XLE-04603]	c33 N71-21507
Automatic re	ecording McLeod gauge Pa B-XLE-03280]	atent c14 N71-23093	PRINDERG, P. H.	
FAGET, H. A.	•	014 871-23093	Digital telemetry system Patent [NASA-CASE-XGS-01812]	c07 N71-23001
Survival cou	1Ch Patent	*** N30 3300F	Programmable telemetry system Pater	it '
Aerial capsu	E-XLA-00118] ale emergency separation	c05 N70-33285 device Patent	[BASA-CASE-GSC-10131-1] PBINSTEIN, L.	c07 N71-24624
[NASA-CASI	B-XLA-00115]	c03 N70-33343	Hicrowave flaw detector Patent	
Space capsul	ratent B-XLA-00149]	c31 N70-37938	[NASA-CASE-ARC-10009-1]	c15 N71-17822
Space capsul	le Patent	031 110 37330	Method and apparatus for swept-frequence measurements of welds	rency
	E-XLA-01332] Le vehicle and system	c31 N71-15664	[NASA-CASE-ARC-10176-1]	c15 N72-21464
[NASA-CASE	B-MSC-12433]	c31 N73-14854	Regulated dc-to-dc converter for vol	tage step-up
PAGOT, B. J.	sure low flow rate meter		or step-down with input-output iso	lation
Patent	satte 100 1108 late metel	ring system	[NASA-CASE-HQN-10792-1] FBNTRESS, C. E.	c09 N74-11049
	E-FRC-10022 }	c12 N71-26546	Expanding center probe and drogue I	
Respiration [NASA-CASE	monitor 3-frc-10012]	c14 N72-17329	[NASA-CASE-MAS-03613] PERGUSON, R. B.	c31 N71-16346
FARAN, J. C.	-		Two-step rocket engine bipropellant	walwe Patent
Superconduct [NASA-CASE	ing alternator Z-XLE-02824]	c03 N69-39890	[NASA-CASE-INS-04890-1] FERRARA, L. J.	c15 N70-22192
Superconduct	ing alternator Patent		Collapsible Apollo couch	
FALBEL, G.	3-XLE-02823 ]	c09 N71-23443	[NASA-CASE-MSC-13140]	c05 N72+11085
Hulti-lobar	scan horizon sensor Pat	tent	FESSLER, T. E. Thin window, drifted silicon, charge	d particle
[NASA-CASE FALK, U. C.	E-16S-00809]	c21 N70-35427	detector	-44 240 00404
	bration isolator Patent	t ·	[NASA-CASE-XLE-10529] Method of forming thin window drifte	c14 N69-23191 d silicon
	E-XLA-01019] osing device Patent	c15 N70-40156	charged particle detector Patent	
(NASA-CASE	S-XLA-01446]	c15 N71-21528	[NASA-CASE-KLE-00808] FIBLDS, S. A.	c24 N71-10560
FANG, P.	-	17	Device and method for determining X	
	radiation damaged solar ermal annealing	Cells	reflection efficiency of optical s [NASA-CASE-MFS-20243]	urfaces c23 N73-13662
[NASA-CASE	-XGS-04047-2]	c03 N72-11062	PIET, O. O.	
PARUSHORTH, D. Phototransis	tor imaging system		Electrohydrodynamic control valve p [NASA-CASE-NPO-10416]	
{ NASA-CASE	-MFS-20809]	c23 N73-13660	FIGGINS, D. A.	c12 N71-27332
FARESHORTH, F. Space simula	D. tion and radiative prope	nte tooting	Adaptive system and method for signa	l generation
system and	method Patent	ref testing	Patent [NASA-CASE-GSC-11367]	c10 N71-26374
[ NASA-CASE PARRELL, R.	-MFS-20096]	c14 N71-30026	FILIP, G. L.	
	ent to high temperature	devices	Storage container for electronic dev [NASA-CASE-MFS-20075]	ces Patent c09 N71-26133
	-ERC-10224]		Method of coating through-holes Pat	ent
lead attac	ture range electronic de bment	svice alth	[NASA-CASE-IMF-05999] FINDL, B.	c15 N71-29032
	-ERC-10224-2]	c09 N73-27150	Electrolytically regenerative hydrog	en-oxygen
FARRIS, C. D. Storage batt	ery comprising negative	plates of a	fuel cell Patent [NASA-CASE-XLE-04526]	c03 N71-11052
wedge shap	ed configuration		PIBK, J. B.	
PARTHING, U. H.	-NPO-11806-1]	c03 N74-19693	Bus woltage compensation circuit for direct current motor	controlling
Device for d	etermining relative angu		[ NASA-CASB-XM5-04215-1 ]	c09 N69-39987
between a celestial	spacecraft and a radiati	on emitting	FINKE, R. C. Electrode and insulator with shielde	
[NASA-CASE	-GSC-11444-1]	c14 N73-28490	junction	d dielectric
PAULKNER, E. D. Bonding grap	hite with fused silver c	hloride	[NASA-CASE-KLE-03778]	c09 N69-21542
(NASA-CASE	-XGS-00963]	c15 N69-39735	Pressure monitoring with a plurality ionization gauges controlled at a	or central
FAY, R. J.	ng energy absorber		location Patent	
	-HQN-10638-1]	c15 N73-30460	[NASA-CASE-XLE-00787] Isolated amplifier for measuring mil.	c14 N71-21090 livolt
FEARES, F.	ation by diffusion		electrical signals with reference	to a high
	ation by diffusion -XGS-07752]	c14 N73-30390	COMMON mode potential [NASA-CASE-NLE-03155-2]	c09 N72-20205
FBALRY, Ro Da	ogtion instrument and an	413	PINLEY, To Da	
	ection instrument and me -GSC-11533-1]	c14 N73-13435	Split range transducer [NASA-CASE-XLA-11189]	c10 N72-20222
PEARBEHOUGH, H.	T_		FINLRY. H. R.	CTO M/2-20222
Parallel-pla suspension	te viscometer with doubl	e qiaphragm	Analog-to-digital converter [NASA-CASE-MSC-13110-1]	~08 b72-22447
[NASA-CASE-	-NPO-11387]	c14 N73-14429	Pranie, C. J.	c08 N72-22163
PRATEBRATON, A. Method of flu	P. uxless brazing and diffu	sion bandina	Insertion loss measuring apparatus he	ving
of aluminu	n containing components	_	transformer means connected across bolometers Patent	a pair or
[NASA-CASE: FEDOR, J. V.	-MSC-14435-1]	c15 N74-20071	[ NA SA-CASE-XNP-01193 ]	c10 N71-16057
Stretch de-s	pin mechanism Patent		PISCHER, J. A. Adjustable tension wire guide Patent	<u>.</u>
( NASA-CASE. PEDORS, B. P.	-XGS-00619]	c30 N70-40016	[NASA-CASE-XMS-02383]	c15 N71-15918
Parallel-plat	te viscometer with doubl	e diaphragm	PISE, D. C. Spin forming tubular elbows Patent	
suspension	-NPO-11387]	c14 N73-14429	[NASA-CASE-IMF-01083]	c15 N71-22723
[ 4474_0424		ショマ いじつ コマチエコ		

PISH, R. H.	[NASA-CASE-XLA-01584] c14 N71~23269
Fiber modified polyurethane foam for ballistic protection	FOOTE, B. H. Adaptive system and method for signal generation
[NASA-CASE-ARC-10714-1] C18 N74-1136	
FISH, R. H. Auditory display for the blind	FORBES, S. G.
[NASA-CASE-HQN-10832-1] C14 M/4-2101	Apparatus for field strength measurement of a space vehicle Patent
Process for making RF shielded cable connector	[NASA-CASE-XLE-00820] C14 N71-16014
assemblies and the products formed thereby [NASA-CASE-GSC-11215-1] c09 N73-2808	FORD, A. G.  Rock drill for recovering samples
Microscope multi-angle, reflection, viewing	[NASA-CASE-INP-07478] c14 N69-21923 Electrically-operated rotary shutter Patent
adaptor and photographic recording system [NASA-CASE-GSC-11690-1] c14 N73-2849	
PITCH, R. J.	FORD, P. B. Coulometer and third electrode battery charging
Modulator for tone and binary signals [NASA-CASE-GSC-11743-1] c07 N73-2710	7 circuit Patent
PITTING, R. C.	[NASA-CASE-GSC-10487-1]
Phase modulator Patent [NASA-CASE-MSC-13201-1] c07 N71-2842	9 Antenna system using parasitic elements and two
FITTON, J. A., JR. Multiple orifice throttle valve Patent	driven elements at 90 deg angle fed 180 deg out of phase Patent
[NASA-CASE-XNP-09698] c15 N71-1858	0 [NASA-CASE-XLA-00414] C07 N70-38200
FITZGERALD, D. J.  Ion thruster with a combination keeper electrode	FORBHAND, L. Solar cell mounting Patent
and electron baffle	[ NASA-CASE-INP-00826 ]
[NASA-CASE-NPO-11880]	method of making silicon solar cell array
Flow test device	[NASA-CASE-LEM-11069-1] C03 N74-14784 7 FORLIPER, W. R.
[NASA-CASE-XMS-04917] C14 N69-2425 FITZGBRALD, J. #.	Landing gear Patent
Visual examination apparatus	[NASĀ-ČASE-XHF-01174] C02 N70-41589
[NASA-CASE-ARC-10329-1] c05 N73-2607 Visual examination appeartus	Umbilical separator for rockets Patent
[NASA-CASE-ARC-10329-2] G05 N74-1976	1 [NASA-CASE-XNP-00425] C11 N70-38202 FORTINI, A+
FITZGERALD, T. M. A solid state acoustic variable time delay line	Rocket chamber and method of making
Patent	[NASA-CASE-LEW-11118-1] c15 N72-32501 0 POSTER, J. V.
PITZHAGRICE, N. W.	Mechanically limited, electrically operated
Retrodirective modulator Patent [NASA-CASE-GSC-10062] c14 N71-1560	hydraulic valve system for aircraft controls 5 Patent
PLAGGE. B.	[NASA-CASE-XAC-00048] c02 N71-29128 Magnetic position detection method and apparatus
Vibrating structure displacement measuring instrument Patent	[NASA-CASE-ARC-10179-1] c21 N72-22619
[NASA-CASE-XLA-03135] C32 N71-1642	8 FOSTER, L. E. Magnetomotive metal working device Patent
Arbitrarily shaped model survey system Patent [NASA-CASE-LAR-10098] c32 N71-2668	
Electro-mechanical sine/cosine generator (NASA-CASE-LAR-10503-1) c09 N72-2124	POWLER, J. T.  8 Parasitic suppressing circuit
Measuring probe position recorder	[NASA-CASE-BRC-10403-1] c10 N73-26228
[NASA-CASE-LAR-10806-1] c14 N73-1547 Electro-mechanical sine/cosine generator	PON, W. E.  Event recorder Patent
[NASA-CASE-LAR-11389-1] c09 N73-3212	1 [NASA-CASE-XLA-01832] C14 N71-21006
FLARERTY, R. Thermally cascaded thermoelectric generator	FRANCISCO, A. C. Process for applying a protective coating for
[NASA-CASE-NPO-10753] CO3 N72-2603	
FLANNERY, E. J.  Nethod and apparatus for controllably heating	PRANCISCUS, L. C.
fluid Patent [NASA-CASE-XMF-04237] c33 N71-1627	Supersonic-combustion rocket [NASA-CASE-LEW-11058-1] c28 N74-13502
FLATAU, C. R.	PRANK, H. A.
variable ratio mixed-mode bilateral master-slave control system for shuttle remote manipulator	Electrolytically regenerative hydrogen-oxygen fuel cell Patent
system	[NASA-CASE-XLE-04526] CO3 N71-11052
[NASA-CASE-MSC-14245-1] c31 N73-3083 PLETCHER, B. A.	Segmented back-up bar Patent
Apparatus for igniting solid propellants Patent	[NASA-CASE-XMF-00640] c15 N70-39924 75 Portable alignment tool Patent
[NASA-CASE-NLE-00207] C28 N70-3333 Method of igniting solid propellants Patent	[NASA-CASE-XMP-01452] c15 N70-41371
[NASA-CASE-XLE-01988] C27 N71-1563 PLETCHER, I. L.	64 FRAZE, R. E. Cryogenic cooling system Patent
Satellite interlace synchronization system	[NASA-CASE-NPO-10467] C23 N71-26654
[NASA-CASE-GSC-10390-1] C07 N72-1114 PLORES, A. L.	49 FRAZER, R. B. Vacuum evaporator with electromagnetic ion
Field ionization electrodes Patent	steering Patent
[NASA-CASE-ERC-10013] C09 N71-2667	PRAZIER, M. J.
High impact pressure regulator Patent	Junction range finder
[NASA-CASE-NPO-10175] C14 N71-186: FOHLEN, G. M.	FRECHE, J. C.
Intumescent paints Patent	High temperature nickel-base alloy Patent [NASA-CASE-XLE-00151] c17 N70-33283
Transparent fire resistant polymeric structures	External liquid-spray cooling of turbine blades
[NASA-CASE-ARC-10813-1] C18 N74-1624	49
Solar sensor having coarse and fine sensing with	Nickel-base alloy Patent
matched preirradiated cells and method of selecting cells Patent	[NASA-CASE-XLE-00283] c17 N70-36616
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High temperature cobalt-base alloy		PURCINITI, C. A.
[NASA-CASE-XLE-00726]	c17 N71-15644	Pulse-width modulation multiplier Patent
High temperature cohalt-base alloy		[NASA-CASE-XER-09213] C07 X71-12390
[NASA-CASE-XLE-02991]	c17 N71-16025	FORNER, R. L.
Nickel-base alloy containing No-H-	Al~Cr-	Automated method for studying the oxidative
Ta-2r-C-Nb-B Patent		metabolism of aniline and similar compounds
[NASA-CASE-XLE-02082]	c17 N71-16026	[NASA-CASE-ARC-10469-1] c06 N72-31145
High temperature ferromagnetic cob	alt-base alloy	FURUHOTO, H. 8.
Patent		Optical pump and driver system for lasers
[MASA-CASE-XLE-03629]	c17 N71-23248	[NASA-CASE-ERC-10283] c16 N72-25485
Liquid spray cooling method Paten	t	FYEAT, A. L.
LNASA-CASE-XLE-000271	c33 N71-29152	Interferometer-polarimeter
Method of forming superalloys		[NASA-CASE-NPO-11239] c14 N73-12446
[ NASA-CASE-LEW-10805-1 ]	c15 N73-13465	[ MEDIT CERR MED (1535)] . C14 #13-12440
Cobalt-base alloy		^
	c17 N73-32415	G
method of heat treating a formed p	OHDET Droduct	GABROVIC, L. J.
material	order Product	
[ NASA-CASE-LEH-10805-3]	c17 N74-10521	Bismuth-lead coatings for gas bearings used in
Method of forming articles of manu	facture from	atmospheric environments and vacuum chambers
superalloy pouders	racture from	Patent
[NASA-CASE-LEB-10805-2]	-15 v7h-43470	[NASA-CASE-XGS-02011] c15 N71-20739
PREDRICKSON, C. A.	c15 N74-13179	GADDIS, D. H.
		Inorganic solid film lubricants Patent
Energy absorption device Patent [NASA-CASE-XNP-01848]	-45 NG4 200F0	[NASA-CASE-XMF-03988] c15 N71-21403
PREEDAN, R. S.	c15 N71-28959	GADDY, E. H.
		Optimum performance spacecraft solar cell system
Air frame drag balance Patent	-48 x26 2222	[NASA-CASE-GSC-10669-1] c03 N72-20031
[NASA-CASE-XIA-00113]	c14 N70-33386	GADE, D. H.
PREGERS, R. A.		Temperature regulation circuit Patent
Thermal flux transfer system		[NASA-CASE-XNP-02792] c14 N71-28958
[NASA-CASE-NPO-12070-1]	c28 N73-32606	GAETANO, G.
PRENCHE, J. C.		Fast scan control for deflection type mass
Nickel bas alloy		spectrometers
[NASA-CASE-LEH-10874-1]	c17 N72-22535	[NASA-CASE-LAR-10766-1] c14 N72-21432
FRIEDERICHS, J. B.	•	GARN, R. P.
Biomedical radiation detecting prof	oe Patent	Analytical test apparatus and method for
[NASA-CASE-XMS-01177]	c05 N71-19440	determining oxide content of alkali metal Patent
FRIEDRICH, E. H.		[NASA-CASE-XLE-01997] c06 N71-23527
Reentry vehicle leading edge Pater		GAISER, E. E.
[NASA-CASE-XLA-00165]	c31 N70-33242	Color television systems using a single gun
FRISRIE, H. P.		color cathode ray tube Patent
Device for determining relative and	ular position	[NASA-CASE-ERC-10098] c09 N71-28618
between a spacecraft and a radiat	cion emitting	GALE, G. P.
celestial body		Flow rate switch
	c14 N73-28490	[NASA-CASE-NPO-10722] c09 N72-20199
PRITZEN, H., JR.		GALLAGHER, H. E.
Noncontaminating swabs	45 W70 44000	Construction and method of arranging a plurality
[NASA-CASE-NFS-18100]	c15 N72-11390	of ion engines to form a cluster Patent
PROST, J. D., JR.		[NASA-CASE-INP-02923] c28 N71-23081
EEG sleep analyzer and method of or		High efficiency ionizer assembly Patent
[NASA-CASE-NSC-13282-1] Compressible biomedical electrode	c05 N71-24729	[NASA-CASE-XNP-01954] c28 N71-28850
[NASA-CASE-MSC-13648]	-AF 277-27402	GALLO, A. J.
FRIER, T. B.	c05 N72-27103	Rapid sync acquisition system Patent
	in an animal:	[NASA-CASE-NPO-10214] c10 N71-26577
Telemeter adaptable for implanting Patent	In an animar	GARAVAGLIA, A. P.
[NASA-CASE-XAC-05706]	-AS 874-40340	Shoulder harness and lap belt restraint system
AP controlled solid state switch	c05 N71-12342	[NASA-CASE-ARC-10519-1] c05 N72-31117
MI CONCLOSSON NOTES DESCE DESCEN		
[NASA-CASE-ARC-10136-13	C09 N72-22202	Shoulder harness and lap belt restraint system
[NASA-CASE-ARC-10136-1]	c09 N72-22202	[ NA SA+CASE-ARC-10519-21 cns N78-18805
Miniature ingestible telemeter devi		[NASA-CASE-ARC-10519-2] c05 N74-18805 GARBA, J. A.
Miniature ingestible telemeter devi measure deep body temperature	ces to	[NASA-CASE-ARC-10519-2] c05 N74-18805 GARBA, J. A. Pressure seal Patent
Miniature ingestible telemeter devi measure deep body temperature [NASA-CASE-ARC-10583-1]	ces to c05 N73-14093	[NASA-CASE-ARC-10519-2] c05 N74-18805  GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068
Miniature ingestible telemeter devi measure deep body temperature [NASA-CASE-ARC-10583-1] Lou power electromagnetic flowmeter	ces to c05 N73-14093	[NASA-CASE-ARC-10519-2] c05 N74-18805  GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068  GARDNER, D. E.
Miniature ingestible telemeter devi measure deep body temperature [NASA-CASE-ARC-10583-1] Lou power electromagnetic flowmeter accurate zero set	cos to cos m73-14093 providing	[NASA-CASE-ARC-10519-2] c05 N74-18805  GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068  GARDNER, D. E.  Bire grid forming apparatus Patent
Miniature ingestible telemeter devi measure deep body temperature [NASA-CASE-ARC-10583-1] Lou power electromagnetic flowmeter accurate zero set [NASA-CASE-ARC-10362-1]	ces to c05 N73-14093	[NASA-CASE-ARC-10519-2]
Miniature ingestible telemeter devimeasure deep body temperature [NASA-CASE-ARC-10583-1] Low power electromagnetic flowmeter accurate zero set [NASA-CASE-ARC-10362-1] PRIKLOND, D. H.	cos to cos m73-14093 providing	[NASA-CASE-ARC-10519-2] c05 N74-18805  GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068  GARDNER, D. E.  Wire grid forming apparatus Patent [NASA-CASE-XLE-00023] c15 N70-33330  GABDNER, J. N.
Miniature ingestible telemeter devimeasure deep body temperature [NASA-CASE-ARC-10583-1] Low power electromagnetic flowmeter accurate zero set [NASA-CASE-ARC-10362-1] PRIKLUND, D. H. Piezoelectric relay	ces to c05 N73-14093 providing c14 N73-32326	[NASA-CASE-ARC-10519-2] c05 N74-18805  GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068  GARDNER, D. E.  Hire grid forming apparatus Patent [NASA-CASE-XLE-00023] c15 N70-33330  GARDNER, J. N.  Technique of elbow bending small jacketed
Miniature ingestible telemeter devimeasure deep body temperature [NASA-CASE-ARC-10583-1] Low power electromagnetic flowmeter accurate zero set [NASA-CASE-ARC-10362-1] PRIKLUND, D. H. Piezoelectric relay [NASA-CASE-GSC-11627-1]	cos to cos m73-14093 providing	[NASA-CASE-ARC-10519-2] c05 N74-18805  GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068  GARDHER, D. E.  Hire grid forming apparatus Patent [NASA-CASE-XLE-00023] c15 N70-33330  GARDHER, J. N.  Technique of elbow bending small jacketed transfer lines Patent
Miniature ingestible telemeter devimeasure deep body temperature [NASA-CASE-ARC-10583-1] Lou power electromagnetic flowmeter accurate zero set [NASA-CASE-ARC-10362-1] FRIKLUND, Do Ha Piezoelectric relay [NASA-CASE-GSC-11627-1] FUHRHEISTER, Po Fo	ces to c05 N73-14093 providing c14 N73-32326	[NASA-CASE-ARC-10519-2] c05 N74-18805 GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068 GARDNER, D. E.  Hire grid forming apparatus Patent [NASA-CASE-XLE-00023] c15 N70-33330 GABDNER, J. N.  Technique of elbow bending small jacketed transfer lines Patent [NASA-CASE-XNP-10475] c15 N71-24679
Miniature ingestible telemeter devimeasure deep body temperature [NASA-CASE-ARC-10583-1] Low power electromagnetic flowmeter accurate zero set [NASA-CASE-ARC-10362-1] FRIKLUND, D. H. Piezoelectric relay [NASA-CASE-GSC-11627-1] FUHRHEISTER, P. F. Random function tracer Patent	ces to c05 N73-14093 providing c14 N73-32326 c09 N74-19852	[NASA-CASE-ARC-10519-2] c05 N74-18805 GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068 GARDNER, D. E.  Hire grid forming apparatus Patent [NASA-CASE-XLE-00023] c15 N70-33330 GABDNER, J. N.  Technique of elbow bending small jacketed transfer lines Patent [NASA-CASE-XNP-10475] c15 N71-24679 GARDNER, H. S.
Miniature ingestible telemeter devimeasure deep body temperature [NASA-CASE-ARC-10583-1] Low power electromagnetic flowmeter accurate zero set [NASA-CASE-ARC-10362-1] PRIKLUND, D. H. Piezoelectric relay [NASA-CASE-GSC-11627-1] PUHRHEISTER, P. F. Random function tracer Patent [NASA-CASE-XLA-01401]	ces to c05 N73-14093 providing c14 N73-32326	[NASA-CASE-ARC-10519-2] c05 N74-18805  GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068  GARDNER, D. E.  Wire grid forming apparatus Patent [NASA-CASE-XLE-00023] c15 N70-33330  GARDNER, J. N.  Technique of elbow bending small jacketed transfer lines Patent [NASA-CASE-XNP-10475] c15 N71-24679  GARDNER, H. S.  Differential pressure cell Patent
Miniature ingestible telemeter devimeasure deep body temperature [NASA-CASE-ARC-10583-1] Low power electromagnetic flowmeter accurate zero set [NASA-CASE-ARC-10362-1] PRIKLUND, D. H. Piezoelectric relay [NASA-CASE-GSC-11627-1] FUHRHEISTER, P. F. Random function tracer Patent [NASA-CASE-XLA-01401] FULCHER, C. H. G.	ces to c05 N73-14093 providing c14 N73-32326 c09 N74-19852 c15 N71-21179	[NASA-CASE-ARC-10519-2] c05 N74-18805  GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068  GARDNER, D. B.  Hire grid forming apparatus Patent [NASA-CASE-XLE-00023] c15 N70-33330  GARDNER, J. N.  Technique of elbow bending small jacketed transfer lines Patent [NASA-CASE-XNP-10475] c15 N71-24679  GARDNER, H. S.  Differential pressure cell Patent [NASA-CASE-XAC-00042] c14 N70-34816
Miniature ingestible telemeter devimeasure deep body temperature [NASA-CASE-ARC-10583-1] Low power electromagnetic flowmeter accurate zero set [NASA-CASE-ARC-10362-1] FRIKLUND, Do. Ha. Piezoelectric relay [NASA-CASE-GSC-11627-1] FUHRHEISTER, Po. Fa. Random function tracer Patent [NASA-CASE-XLA-01401] FULCHER, Co. Ha. Ga. Automatic control of liquid cooling	ces to	[NASA-CASE-ARC-10519-2] c05 N74-18805  GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068  GARDNER, D. E.  Hire grid forming apparatus Patent [NASA-CASE-XLE-00023] c15 N70-33330  GABDNER, J. N.  Technique of elbow bending small jacketed transfer lines Patent [NASA-CASE-XNP-10475] c15 N71-24679  GARDNER, H. S.  Differential pressure cell Patent [NASA-CASE-XAC-00042] c14 N70-34816  GARDOS, N. R.
Miniature ingestible telemeter devimeasure deep body temperature [NASA-CASE-ARC-10583-1] Low power electromagnetic flowmeter accurate zero set [NASA-CASE-ARC-10362-1] FRIKLUND, D. H. Piezoelectric relay [NASA-CASE-GSC-17627-1] FUHRHEISTER, P. F. Random function tracer Patent [NASA-CASE-XLA-01401] FULCHER, C. H. G. Automatic control of liquid cooling cutaneous and external auditory m	ces to	[NASA-CASE-ARC-10519-2] c05 N74-18805  GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068  GARDNER, D. E.  Wire grid forming apparatus Patent [NASA-CASE-XLE-00023] c15 N70-33330  GABDNER, J. N.  Technique of elbow bending small jacketed transfer lines Patent [NASA-CASE-XNP-10475] c15 N71-24679  GARDNER, H. S.  Differential pressure cell Patent [NASA-CASE-XAC-00042] c14 N70-34816  GARDOS, N. N.  Refractory porcelain enamel passive thermal
Miniature ingestible telemeter devimeasure deep body temperature [NASA-CASE-ARC-10583-1] Low power electromagnetic flowmeter accurate zero set [NASA-CASE-ARC-10362-1] PRIKLUND, D. H. Piezoelectric relay [NASA-CASE-GSC-11627-1] FUHRHEISTER, P. F. Random function tracer Patent [NASA-CASE-XLA-01401] FULCHER, C. H. G. Automatic control of liquid cooling cutaneous and external auditory memperatures	ces to  c05 N73-14093 providing  c14 N73-32326  c09 N74-19852  c15 N71-21179  garment by eatus	[NASA-CASE-ARC-10519-2] c05 N74-18805  GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068  GARDNER, D. E.  Wire grid forming apparatus Patent [NASA-CASE-XLE-00023] c15 N70-33330  GARDNER, J. N.  Technique of elbow bending small jacketed transfer lines Patent [NASA-CASE-XNP-10475] c15 N71-24679  GARDNER, H. S.  Differential pressure cell Patent [NASA-CASE-XAC-00042] c14 N70-34816  GARDOS, N. N.  Refractory porcelain enamel passive thermal control coating for high temperature alloys
Miniature ingestible telemeter devimeasure deep body temperature [NASA-CASE-ARC-10583-1] Low power electromagnetic flowmeter accurate zero set [NASA-CASE-ARC-10362-1] PRIKLUND, D. H. Piezoelectric relay [NASA-CASE-GSC-11627-1] FUHRHEISTER, P. F. Random function tracer Patent [NASA-CASE-XLA-01401] FULCHER, C. H. G. Automatic control of liquid cooling cutaneous and external auditory m temperatures [NASA-CASE-MSC-13917-1]	ces to	[NASA-CASE-ARC-10519-2] c05 N74-18805  GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068  GARDNER, D. E.  Wire grid forming apparatus Patent [NASA-CASE-XLE-00023] c15 N70-33330  GARDNER, J. N.  Technique of elbow bending small jacketed transfer lines Patent [NASA-CASE-XNP-10475] c15 N71-24679  GARDNER, H. S.  Differential pressure cell Patent [NASA-CASE-XAC-00042] c14 N70-34816  GARDOS, N. N.  Refractory porcelain enamel passive thermal control coating for high temperature alloys [NASA-CASE-MFS-22324-1] c18 N73-21471
Miniature ingestible telemeter devimeasure deep body temperature [NASA-CASE-ARC-10583-1] Low power electromagnetic flowmeter accurate zero set [NASA-CASE-ARC-10362-1] PRIKLUND, D. H. Piezoelectric relay [NASA-CASE-GSC-11627-1] FUHRHEISTER, P. F. Random function tracer Patent [NASA-CASE-XLA-01401] FULCHER, C. H. G. Automatic control of liquid cooling cutaneous and external auditory memperatures	ces to     c05 N73-14093     providing     c14 N73-32326     c09 N74-19852     c15 N71-21179     garment by eatus     c05 N72-15098	[NASA-CASE-ARC-10519-2] c05 N74-18805  GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068  GARDMER, D. E.  Hire grid forming apparatus Patent [NASA-CASE-XLE-00023] c15 N70-33330  GABDMER, J. N.  Technique of elbow bending small jacketed transfer lines Patent [NASA-CASE-XNP-10475] c15 N71-24679  GARDMER, H. S.  Differential pressure cell Patent [NASA-CASE-XAC-00042] c14 N70-34816  GARDOS, M. R.  Refractory porcelain enamel passive thermal control coating for high temperature alloys [NASA-CASE-MFS-22324-1] c18 N73-21471  GARFEIN, A.
Miniature ingestible telemeter devimeasure deep body temperature [NASA-CASE-ARC-10583-1] Low power electromagnetic flowmeter accurate zero set [NASA-CASE-ARC-10362-1] FRIKLOND, D. H. Piezoelectric relay [NASA-CASE-GSC-11627-1] FUHRHEISTER, P. F. Random function tracer Patent [NASA-CASE-KLA-01401] FULCHER, C. H. G. Automatic control of liquid cooling cutaneous and external auditory m temperatures [MASA-CASE-MSC-13917-1] FULCHER, R. H.	ces to     c05 N73-14093     providing     c14 N73-32326     c09 N74-19852     c15 N71-21179     garment by eatus     c05 N72-15098 ystem	[NASA-CASE-ARC-10519-2] c05 N74-18805  GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068  GARDNER, D. E.  Hire grid forming apparatus Patent [NASA-CASE-XLE-00023] c15 N70-33330  GABDNER, J. N.  Technique of elbow bending small jacketed transfer lines Patent [NASA-CASE-XNP-10475] c15 N71-24679  GARDNER, H. S.  Differential pressure cell Patent [NASA-CASE-XAC-00042] c14 N70-34816  GARDOS, M. R.  Refractory porcelain enamel passive thermal control coating for high temperature alloys [NASA-CASE-MFS-22324-1] c18 N73-21471  GARPEIN, A.  Pressure sensitive transducers Patent
Miniature ingestible telemeter devimeasure deep body temperature [NASA-CASE-ARC-10583-1] Low power electromagnetic flowmeter accurate zero set [NASA-CASE-ARC-10362-1] FRIKLUND, D. H. Piezoelectric relay [NASA-CASE-GSC-11627-1] FUHRHEISTER, P. F. Random function tracer Patent [NASA-CASE-XLA-01401] FULCHER, C. H. G. Automatic control of liquid cooling cutaneous and external auditory memperatures [NASA-CASE-MSC-13917-1] FULCHER, R. H. Low speed phaselock speed control s	ces to     c05 N73-14093     providing     c14 N73-32326     c09 N74-19852     c15 N71-21179     garment by eatus     c05 N72-15098	[NASA-CASE-ARC-10519-2] c05 N74-18805  GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068  GARDNER, D. B.  Hire grid forming apparatus Patent [NASA-CASE-XLE-00023] c15 N70-33330  GARDNER, J. N.  Technique of elbow bending small jacketed transfer lines Patent [NASA-CASE-XNP-10475] c15 N71-24679  GARDNER, H. S.  Differential pressure cell Patent [NASA-CASE-XAC-00042] c14 N70-34816  GARDOS, M. N.  Refractory porcelain enamel passive thermal control coating for high temperature alloys [NASA-CASE-MFS-22324-1] c18 N73-21471  GARFEIN, A.  Pressure sensitive transducers Patent [NASA-CASE-RKC-10087] c14 N71-27334
Miniature ingestible telemeter devimessure deep body temperature [NASA-CASE-ARC-10583-1] Low power electromagnetic flowmeter accurate zero set [NASA-CASE-ARC-10362-1] FRIKLOND, D. H. Piezoelectric relay [NASA-CASE-GSC-17627-1] FUHRHEISTER, P. F. Random function tracer Patent [NASA-CASE-XLA-01401] FULCHER, C. H. G. Automatic control of liquid cooling cutaneous and external auditory memoratures [NASA-CASE-MSC-13917-1] FULCHER, R. H. Low speed phaselock speed control s [NASA-CASE-GSC-11127-1] FULLER, R. V.	ces to     c05 N73-14093     providing     c14 N73-32326     c09 N74-19852     c15 N71-21179     garment by eatus     c05 N72-15098 ystem	[NASA-CASE-ARC-10519-2] c05 N74-18805  GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068  GARDNER, D. E.  Wire grid forming apparatus Patent [NASA-CASE-XLE-00023] c15 N70-33330  GARDNER, J. N.  Technique of elbow bending small jacketed transfer lines Patent [NASA-CASE-XNP-10475] c15 N71-24679  GARDNER, H. S.  Differential pressure cell Patent [NASA-CASE-XAC-00042] c14 N70-34816  GARDOS, N. N.  Refractory porcelain enamel passive thermal control coating for high temperature alloys [NASA-CASE-KFS-22324-1] c18 N73-21471  GARPEIN, A.  Pressure sensitive transducers Patent [NASA-CASE-REC-10087] c14 N71-27334 Electricity measurement devices employing liquid
Miniature ingestible telemeter devimeasure deep body temperature [NASA-CASE-ARC-10583-1] Low power electromagnetic flowmeter accurate zero set [NASA-CASE-ARC-10362-1] PRIKLUND, D. H. Piezoelectric relay [NASA-CASE-GSC-11627-1] FUHRHEISTER, P. F. Random function tracer Patent [NASA-CASE-XLA-01401] FULCHER, C. H. G. Automatic control of liquid cooling cutaneous and external auditory memperatures [NASA-CASE-MSC-13917-1] FULCHER, R. H. Low speed phaselock speed control s [NASA-CASE-GSC-11127-1]	ces to     c05 N73-14093     providing     c14 N73-32326     c09 N74-19852     c15 N71-21179     garment by     eatus     c05 N72-15098  ystem     c09 N74-10202	[NASA-CASE-ARC-10519-2] c05 N74-18805  GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068  GARDMER, D. E.  Hire grid forming apparatus Patent [NASA-CASE-XLE-00023] c15 N70-33330  GABDMER, J. N.  Technique of elbow bending small jacketed transfer lines Patent [NASA-CASE-XNP-10475] c15 N71-24679  GARDMER, H. S.  Differential pressure cell Patent [NASA-CASE-XAC-00042] c14 N70-34816  GARDOS, M. N.  Refractory porcelain enamel passive thermal control coating for high temperature alloys [NASA-CASE-NFS-22324-1] c18 N73-21471  GARPEIN, A.  Pressure sensitive transducers Patent [NASA-CASE-BRC-10087] c14 N71-27334  Electricity measurement devices employing liquid crystalline materials
Miniature ingestible telemeter devimeasure deep body temperature [NASA-CASE-ARC-10583-1] Low power electromagnetic flowmeter accurate zero set [NASA-CASE-ARC-10362-1] FRIKLUND, D. H. Piezoelectric relay [NASA-CASE-GSC-11627-1] FUHRHEISTER, P. F. Random function tracer Patent [NASA-CASE-XLA-01401] FULCHER, C. H. G. Automatic control of liquid cooling cutaneous and external auditory m temperatures [NASA-CASE-MSC-13917-1] FULCHER, R. H. Low speed phaselock speed control s [NASA-CASE-GSC-11127-1] FULLER, R. W- Cable restraint	ces to     c05 N73-14093     providing     c14 N73-32326     c09 N74-19852     c15 N71-21179     garment by eatus     c05 N72-15098 ystem	[NASA-CASE-ARC-10519-2] c05 N74-18805  GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068  GARDNER, D. E.  Wire grid forming apparatus Patent [NASA-CASE-XLE-00023] c15 N70-33330  GARDNER, J. N.  Technique of elbow bending small jacketed transfer lines Patent [NASA-CASE-XNP-10475] c15 N71-24679  GARDNER, E. S.  Differential pressure cell Patent [NASA-CASE-XAC-00042] c14 N70-34816  GARDOS, N. N.  Refractory porcelain enamel passive thermal control coating for high temperature alloys [NASA-CASE-NFS-22324-1] c18 N73-21471  GARFEIN, A.  Pressure sensitive transducers Patent [NASA-CASE-RRC-10087] c14 N71-27334 Electricity measurement devices employing liquid crystalline materials [NASA-CASE-ERC-10275] c26 N72-25680
Miniature ingestible telemeter devimeasure deep body temperature [NASA-CASE-ARC-10583-1] Low power electromagnetic flowmeter accurate zero set [NASA-CASE-ARC-10362-1] PRIKLUND, D. H. Piezoelectric relay [NASA-CASE-GSC-11627-1] PUHRHEISTER, P. F. Random function tracer Patent [NASA-CASE-XLA-01401] FULCHER, C. H. G. Automatic control of liquid cooling cutaneous and external auditory memperatures [NASA-CASE-MSC-13917-1] PULCHER, R. H. Low speed phaselock speed control s [NASA-CASE-GSC-11127-1] FULLER, R. V. Cable restraint [NASA-CASE-LAR-10129-1]	ces to     c05 N73-14093     providing     c14 N73-32326     c09 N74-19852     c15 N71-21179     garment by     eatus     c05 N72-15098  ystem     c09 N74-10202	[NASA-CASE-NRC-10519-2] c05 N74-18805  GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068  GARDNER, D. E.  Hire grid forming apparatus Patent [NASA-CASE-XLE-00023] c15 N70-33330  GARDNER, J. N.  Technique of elbow bending small jacketed transfer lines Patent [NASA-CASE-XNP-10475] c15 N71-24679  GARDNER, H. S.  Differential pressure cell Patent [NASA-CASE-XAC-00042] c14 N70-34816  GARDOS, N. N.  Refractory porcelain enamel passive thermal control coating for high temperature alloys [NASA-CASE-MFS-22324-1] c18 N73-21471  GARPEIN, A.  Pressure sensitive transducers Patent [NASA-CASE-BRC-10087] c14 N71-27334  Electricity measurement devices employing liquid crystalline materials [NASA-CASE-RRC-10275] c26 N72-25680  Semiconductor transducer device
Miniature ingestible telemeter devimeasure deep body temperature [NASA-CASE-ARC-10583-1] Low power electromagnetic flowmeter accurate zero set [NASA-CASE-ARC-10362-1] PRIKLUND, D. H. Piezoelectric relay [NASA-CASE-GSC-17627-1] FUHRHEISTER, P. F. Random function tracer Patent [NASA-CASE-XLA-01401] FULCHER, C. H. G. Automatic control of liquid cooling cutaneous and external auditory m temperatures [NASA-CASE-MSC-13917-1] FULCHER, R. H. LOW speed phaselock speed control s [NASA-CASE-GSC-11127-1] FULLER, H. V. Cable restraint [NASA-CASE-LAR-10129-1] Reefing system	ces to  c05 N73-14093 providing  c14 N73-32326  c09 N74-19852  c15 N71-21179  garment by eatus  c05 N72-15098  ystem c09 N74-10202  c15 N73-25512	[NASA-CASE-ARC-10519-2] c05 N74-18805  GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068  GARDMER, D. E.  Wire grid forming apparatus Patent [NASA-CASE-XLE-00023] c15 N70-33330  GABDMER, J. N.  Technique of elbow bending small jacketed transfer lines Patent [NASA-CASE-XNP-10475] c15 N71-24679  GARDMER, B. S.  Differential pressure cell Patent [NASA-CASE-XAC-00042] c14 N70-34816  GARDOS, N. N.  Refractory porcelain enamel passive thermal control coating for high temperature alloys [NASA-CASE-KFS-22324-1] c18 N73-21471  GARFEIN, A.  Pressure sensitive transducers Patent [NASA-CASE-BRC-10087] c14 N71-27334  Electricity measurement devices employing liquid crystalline materials [NASA-CASE-ERC-10275] c26 N72-25680  Seniconductor transducer device [NASA-CASE-ERC-10087-2] c14 N72-31446
Miniature ingestible telemeter devimeasure deep body temperature [NASA-CASE-ARC-10583-1] Low power electromagnetic flowmeter accurate zero set [NASA-CASE-ARC-10362-1] FRIKLUND, D. H. Piezoelectric relay [NASA-CASE-GSC-11627-1] FUHRHEISTER, P. F. Random function tracer Patent [NASA-CASE-KLA-01401] FULCHER, C. H. G. Automatic control of liquid cooling cutaneous and external auditory metemperatures [NASA-CASE-KLA-013917-1] FULCHER, R. H. Low speed phaselock speed control s [NASA-CASE-GSC-11127-1] FULLER, R. V. Cable restraint [NASA-CASE-LAR-10129-1] Reefing System [NASA-CASE-LAR-10129-2]	ces to  c05 N73-14093 providing  c14 N73-32326  c09 N74-19852  c15 N71-21179  garment by eatus  c05 N72-15098  ystem c09 N74-10202  c15 N73-25512 c15 N74-20063	[NASA-CASE-ARC-10519-2] c05 N74-18805  GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068  GARDNER, D. E.  Hire grid forming apparatus Patent [NASA-CASE-XLE-00023] c15 N70-33330  GABDNER, J. N.  Technique of elbow bending small jacketed transfer lines Patent [NASA-CASE-XNP-10475] c15 N71-24679  GARDNER, H. S.  Differential pressure cell Patent [NASA-CASE-XAC-00042] c14 N70-34816  GARDOS, N. R.  Refractory porcelain enamel passive thermal control coating for high temperature alloys [NASA-CASE-MFS-22324-1] c18 N73-21471  GARPEIN, A.  Pressure sensitive transducers Patent [NASA-CASE-BRC-10087] c14 N71-27334  Electricity measurement devices employing liquid crystalline materials [NASA-CASE-ERC-10275] c26 N72-25680  Seniconductor transducer device [NASA-CASE-ERC-10087-2] c14 N72-31446  GARHIRE, E. B.
Miniature ingestible telemeter devimeasure deep body temperature [NASA-CASE-ARC-10583-1] Low power electromagnetic flowmeter accurate zero set [NASA-CASE-ARC-10362-1] FRIKLOND, D. H. Piezoelectric relay [NASA-CASE-GSC-17627-1] FUHRHEISTER, P. F. Random function tracer Patent [NASA-CASE-XLA-01401] FULCHER, C. H. G. Automatic control of liquid cooling cutaneous and external auditory memperatures [NASA-CASE-MSC-13917-1] FULCHER, R. H. Low speed phaselock speed control s [NASA-CASE-GSC-11127-1] FULLER, H. V- Cable restraint [NASA-CASE-LAR-10129-1] Reefing system [NASA-CASE-LAR-10129-2] FUNK, B. B., JR.	ces to  c05 N73-14093 providing  c14 N73-32326  c09 N74-19852  c15 N71-21179  garment by eatus  c05 N72-15098  ystem c09 N74-10202  c15 N73-25512 c15 N74-20063	[NASA-CASE-ARC-10519-2] c05 N74-18805  GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068  GARDNER, D. E.  Wire grid forming apparatus Patent [NASA-CASE-XLE-00023] c15 N70-33330  GARDNER, J. N.  Technique of elbow bending small jacketed transfer lines Patent [NASA-CASE-XNP-10475] c15 N71-24679  GARDNER, H. S.  Differential pressure cell Patent [NASA-CASE-XAC-00042] c14 N70-34816  GARDOS, N. N.  Refractory porcelain enamel passive thermal control coating for high temperature alloys [NASA-CASE-NFS-22324-1] c18 N73-21471  GARPLIN, A.  Pressure sensitive transducers Patent [NASA-CASE-BRC-10087] c14 N71-27334 Electricity measurement devices employing liquid crystalline materials [NASA-CASE-ERC-10275] c26 N72-25680  Seniconductor transducer device [NASA-CASE-ERC-10087-2] c14 N72-31446  GARHIRE, E. B.  Optical frequency waveguide Patent
Miniature ingestible telemeter devimeasure deep body temperature  [NASA-CASE-ARC-10583-1] Low power electromagnetic flowmeter accurate zero set  [NASA-CASE-ARC-10362-1] PRIKLUND, D. H. Piezoelectric relay  [NASA-CASE-GSC-11627-1] PUHRHISTER, P. F. Random function tracer Patent  [NASA-CASE-XLA-01401] FULCHER, C. H. G. Automatic control of liquid cooling cutaneous and external auditory memperatures  [NASA-CASE-MSC-13917-1] PULCHER, R. H. Low speed phaselock speed control s  [NASA-CASE-GSC-11127-1] FULLER, H. V. Cable restraint  [NASA-CASE-LAR-10129-1] Reefing system  [NASA-CASE-LAR-10129-2] PUNK, B. H., JR. Optical probing of supersonic flews	ces to  c05 N73-14093 providing  c14 N73-32326  c09 N74-19852  c15 N71-21179  garment by eatus  c05 N72-15098  ystem c09 N74-10202  c15 N73-25512 c15 N74-20063	[NASA-CASE-NRC-10519-2] c05 N74-18805  GARBA, J. A.  Pressure seal Patent [NASA-CASE-NPO-10796] c15 N71-27068  GARDNER, D. R.  Wire grid forming apparatus Patent [NASA-CASE-XLE-00023] c15 N70-33330  GARDNER, J. N.  Technique of elbow bending small jacketed transfer lines Patent [NASA-CASE-XNP-10475] c15 N71-24679  GARDNER, H. S.  Differential pressure cell Patent [NASA-CASE-XAC-00042] c14 N70-34816  GARDOS, N. N.  Refractory porcelain enamel passive thermal control coating for high temperature alloys [NASA-CASE-KES-22324-1] c18 N73-21471  GARPEIN, A.  Pressure sensitive transducers Patent [NASA-CASE-ERC-10087] c14 N71-27334  Electricity measurement devices employing liquid crystalline materials [NASA-CASE-ERC-10275] c26 N72-25680  Seniconductor transducer device [NASA-CASE-ERC-10087-2] c14 N72-31446  GARHIRE, E. B.  Optical frequency waveguide Patent [NASA-CASE-HON-10581-1] c07 N71-26291
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[NASA-CASE-XLA-01989] Attitude orientation of spin-stabili	c21 N70-34295 zed space	GRIER, D. J.	C12 B11-21069
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[NASA-CASE-XLA-00281] Fluid pressure amplifier and system	c21 N70-36943	[NASA-CASE-XMS-01240] GBIPBL, Dp H4	C05 N70-35152
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GARRAHAN, N. M.		[NASA-CASE-HQN-10780]	c14 N71-30265
Solid state pulse generator with con width, for variable input width, i		GELB, L. L. Hethod of repairing discontinuity in	fiber glass
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[NASA-CASE-XGS-03427] Resettable monostable pulse generato	c10 N71-23029	[ NASA-CASE-LAR-10416-1] GELLES, R.	c15 N72-27527
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<pre>Mechanical stability augmentation sy</pre>	Stem Patent CO2 N71-13422	GENTER, B. B. Electronically resettable fuse Pate	nt
GARROOD, D. C.		[ NASA-CASE-XGS-11177 ]	c09 N71-27001
Ionization vacuum gauge Patent [NASA-CASE-INP-00646]	c14 N70-35666	GERDTS, J. C. Concentric differential gearing arra	ngamant
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	c15 N74-18127	Dye penetrant for surfaces subsequen contacted by liquid oxygen Patent	
GAVIRA, H. R.		[ NASA-CASE-XHF-02221]	c18 N71-27170
Failsafe multiple transformer circui configuration	t	GILKISON, C. A. Linear accelerator frequency control	system Datent
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Infrared scanner Patent [NASA-CASE-XLA-00120]	c21 N70-33181	Gas turbine engine fuel control	c28 N73-19793
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Patent		[ NASA-CASE-ARC-10592-2]	c06 N74-11926
[NASA-CASE-XLA-03114]	c09 N71-22888	Ultraviolet and thermally stable po	lymer
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	c28 N70-38181	Shear modulated fluid amplifier Pa	tent
GIOVANNETTI, A., JR.		[NASA-CASE-MPS-10412]	c12 N71-17578
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[NASA-CASE-XAC-00074] GIRALA, A. S.	c15 N70-34817	plural cells Patent [NASA-CASE-XNP-06506]	c03 N71-11050
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	c14 N71-15992	Silica reusable surface insulation	
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GLAUB, G. B.	013 071-20332	[NASA-CASE-HPS-21244-1]	c20 N73-21523
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[NASA-CASE-XMS-04533]	c15 N71-23086	pulses in a single channel PCH co	nmunications
GLENN, C. G. Conductive elastomeric extensometer		System	c07 N73-13149
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Manual actuator		digital communications system	
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GORBING, R. S. Open tube guideway for high speed a	ir cushioned	GOUDY, J. R. Canacitor power cat Patent Applica	tion
vehicles	TT CAPTIONER	Capacitor power pak Patent Applica [NASA-CASE-LAR-10367-1]	c03 N70-26817
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•		Printed circuit board with bellows	

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Static inverters which sum a plurali	ty of waves	capacitor-zener diode combination : Patent	feedback
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[NASA-CASE-HSC-12146-1] GRAHAH, R. W.	c07 N72-17109	[MASA-CASE-NPO-11302-2] GREEN, W. L.	CO1 H14-10132
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(NASA-CASE-XLE-01449) GRAW, A. A.	c15 N70-41646	GREENBERG, J. Combined electrolysis device and fue	1 cell and
Venting device for pressurized space	suit helmet	method of operation Patent [NASA-CASE-XLE-01645]	c03 N71-20904
	c05 N71-26333	Heat activated cell with alkali anod salt electrolyte Patent	e and alkali
Sidereal frequency generator Patent		[ NASA-CASE-LEW-11358 ]	c03 N71-26084
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[BASA-CASE-NGS-01331] GRANT, G. B.	c14 N71-22996	GREGORY, J. W. Rocket motor system Patent	8
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gradients of the plasma sheath for space vehicle Patent		[ NASA-CASE-MSC-15158-1 ]	c14 N72-17325
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	c33 N71-16104	GRIPFITH, G. E. High intensity heat and light unit	Patent
	c33 ¥72-25911	[NASA-CASE-ILA-00141] GRISAPPE, S. J.	c09 N70-33312
[NASA-CASE-LEW-10359-2] Space vehicle with artificial gravit	c33 N73-25952 tv and	Method of making a diffusion bonded coating Patent	refractory
earth-like environment [BASA-CASE-LEW-11101-1]	c31 N73-32750	[NASA-CASE-XLE-01604-2] Aluminized nickel coatings for nicke	c15 N71-15610 1-base
GRAYSOB, J. E. Voltage-current characteristic simul	Lator Patent	superalloys [NASA-CASE-LEW-11348-1]	c17 N72-25517
[NASA-CASE-XNS-01554] GREDE, V. J.	c10 N71-10578	Duplex aluminized coatings [NASA-CASE-LEW-11696-1]	c15 N73-10502
Inductive liquid level detection sy: [NASA-CASE-XLE-01609]	stem Patent c14 N71-10500	Nickel aluminide coated low alloy st	
GREER, F. J.	_	Duplex aluminized coatings	c18 #74-18197
Variable ratio mixed-mode bilateral control system for shuttle remote		[NASA-CASE-LEW-11696-2] GROBBAR, J.	•
system [HASA-CASE-MSC-14245-1]	c31 N73-30832	<pre>Blectric propulsion engine test chas [NASA-CASE-XLB-00252]</pre>	c11 N70-34844

GROCE U. J.	GYORGAK, C. A.
Electromagnetic mirror drive system	Process for applying a protective coating for
[WASA-CASE-XLA-03724] c14 H69-27461	salt bath brazing Patent
Variable pulse width nultiplier Patent	[NASA-CASE-XLE-00046] c15 N70-33311
[HASA-CASE-NLA-02850] C09 H71-20447	Protective device for machine and netalworking
Annular momentum control device used for	tools Patent
stabilization of space vehicles and the like	[NASA-CASE-XLE-01092] c15 N71-22797
[NASA-CASE-LAR-11051-1] c21.N73-28646	Extrusion die for refractory metals Patent
GROSE, N. L.	[NASA-CASE-XLE-06773] c15 N71-23817
Combustion detector	
[ NASA-CASE-LAR-10739-1] C14 H73-16484	H
GROSS, Ci	
Hethod of temperature compensating semiconductor strain gages Patent	HABBAL, No As
[NASA-CASE-XIA-04555-1] c14 N71-25892	Analog signal integration and reconstruction system Patent
Infrared detectors	[ NASA-CASE-NPO-10344] c10 H71-26544
[MASA-CASE-LAR-10728-1] c14 H73-12445	System for quantizing graphic displays
GROSS, B. J.	[NASA-CASE-NPO-10745] COS N72-22164
Hethod of fabricating an object with a thin wall	HABRA, J. H.
having a precisely shaped slit	Hultiple waractor frequency doubler Patent
[NASA-CASE-LAR-10409-1] c15 H74-21059	[NASA-CASE-XEF-04958-1] c10 N71-26414
GROTH, C. G.	HADEK, V.
Optical inspection apparatus Patent [WASA-CASE-XHF-00462] c14 N70-34298	Apparatus and method for measuring the Seebeck
GRUBBS, T. H.	coefficient and resistivity of materials [NASA-CASE-NPO-11749] c14 N73-28486
Discrete local altitude sensing device Patent	[NASA-CASE-NPO-11749] C14 N73-28486 HADLAND, C. O.
[NASA-CASE-MSS-03792] c14 B70-41812	Control device Patent
Line cutter Patent	[NASA-CASE-NAC-10019] c15 N71-23809
[NASA-CASE-XES-04072] c15 H70-42017	Two degree inverted flexure
Tension measurement device Patent	[NASA-CASE-ARC-10345-1] C15 M73-12488
[NASA-CASE-KHS-04545] c15 N71-22878	HADLEY, H. C., JR.
Hinch having cable position and load indicators	High field CdS detector for infrared radiation
Patent	[NASA-CASE-LAR-11027-1] c14 N74-18088
[NASA-CASE-ESC-12052-1] c15 N71-24599	MADY, U. P.
GRUBER, C. L.	Righ speed, self-acting shaft seal
Hethod and apparatus for optical modulating a	[NASA-CASE-LEG-11274-1] c15 N73-29457
light signal Patent [HASA-CASE-GSC-10216-1] c23 H71-26722	Peen plating
GUILLOTTE, R. J.	[NASA-CASE-GSC-11163-1] c15 k73-32360
Infrared scanner Patent	BAGIHARA, P. S.
[NASA-CASE-XLA-00120] c21 H70-33181	Prequency to analog converter Patent
GUISINGER, J. R.	[NASA-CASE-XMP-07040] COS M71-12500
Starting circuit for wapor lamps and the like	HAGOOD, G. J., JE.
Patent	Function generator for synthesizing complex
[NASA-CASE-XNP-01058] c09 N71-12540	vibration mode patterns
Variable frequency nuclear magnetic resonance	[NASA-CASE-LAR-10310-1] c10 N73-20253
spectrometer Patent [NASA-CASE-XNP-09830] c14 N71-26266	HAINES, R. P.
High voltage transistor applifier with constant	Visual examination apparatus [NASA-CASE-ARC-10329-1] c05 N73-26072
current load	Visual examination apparatus
[NASA-CASB-NPO-11023] - CO9 N72-17155	' [NASA-CASE-ARC-10329-2] C05 H74-19761
Thermomagnetic recording and magneto-optic	HALRY, P. C.
playback system having constant intensity	Cavity radioneter Patent
laser beam control	[NASA-CASE-XNP-08961] c14 H71-24809
[NASA-CASE-NPO-11317-2] c16 H74-13205	HALL, D. P.
GUIST, Lo Ro	Apparatus for measuring electric field strength
Solid medium thermal engine C33 N73-20931	on the surface of a model vehicle Patent
GDEGLE, R. L.	[NASA-CASE-XLE-02038] c09 N71-16086
Self-sealing, unbonded, rocket motor nozzle	Spectroscope equipment using a slender
closure Patent	cylindrical reflector as a substitute for a
[NASA-CASE-XLA-02651] c28 N70-41967	slit Patent
GUNTER, U. D., JR.	· [NASA-CASE-XGS-08269] c23 N71-26206
Hultiple pass reinaging optical system	HALL, E. A.
[HASA-CASE-ARC-10194-1] C23 H73-20741	Bethod for determining presence of OH in
Dual wavelength scanning Doppler velocimeter	magnesium oxide
[NASA-CASE-ARC-10637-1] c14 N73-21390	[NASA-CASE-NPO-10774] c06 N72-17095
GUBTLER, C. A. Ablation sensor	HALL, J. Reg JB.
[NASA-CASE-XLA-01781] c14 N69-39975	Surface roughness detector Patent [NASA-CASE-XLA-00203] c14 N70-34161
Pressurized cell micrometeoroid detector Patent	[NASA-CASE-XLA-00203] c14 N70-34161 Liquid waste feed system
	[NASA-CASE-LAR-10365-1] c05 N72-27102
Dual measurement ablation sensor	An automatic liquid inventory collecting and
[NASA-CASE-LAR-10105-1] c33 N74-15652	dispensing unit
[NASA-CASE-KLA-00936]	[ NASA-CASE-LAR-11071-1] c15 N73-18474
Pseudo-noise test set for condunication system	HALL, J. Pag JR.
evaluation	Illumination system including a wirtual light
[HASA-CASE-HFS-22671-1] c14 H74-13146	Source Patent
GUSTATSON, G. L. Apparatus for measuring thermal conductivity	[MASA-CASE-HQH-10781] c23 H71-30292
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r na sa -Case - xgs - 01 052 1 c14 n71 - 15992	
GUTSHALL, R. L.	[NASA-CASE-LES-11162-1] c09 874-12913 HALLBERG, P. C.
	Turn on transient limiter Patent
[ MASA-CASE-GSC-11569-1] c14 E73-11404	[MASA-CASE-GSC-10413] c10 M71-26531
GUY, J. To, GR.	HALLOCK, J. B.
Disk pack cleaning table Patent Application	Hultiple hologram recording and readout system
[NASA-CASE-LAR-10590-1] c15 N70-26819	Patent

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HALPERT, GA	HARMAN J. B. III
Frangible electrochemical cell [NASA-CASE-XGS-10010] c03 N72-15986	Pulse activated polarographic hydrogen detector
RAMLET. J. F.	Patent [NASA-CASE-XHP-06531] c14 N71-17575
Stable Supply Oscillator	HARMS. V. W.
(MASA-CASE-MYS-21698-1] C09 N73-26196 Automatic quadrature control and measuring system	Apparatus for automatically stabilizing the
[NASA-CASE-MPS-21660-1] C14 N74-21017	attitude of a nonguided vehicle . [NASA-CASE-ARC-10134] c30 N72-17873
HANNACK, J. B.	HAROULES GA CA
Space capsule Patent [NASA-CASE-XLA-00149] c31 N70-37938	Method and apparatus for measuring solar
Space capsule Patent	activity and atmospheric radiation effects [NASA-CASE-BRC-10276] c14 N73-26432
[NASA-CASE-XLA-01332]	RAROULES. G. G.
Wariable sweep aircraft Patent	Method and means for providing an absolute power
[NASA-CASE-XLA-03659] C02 N71-11041	measurement capability Patent [NASA-CASE-ERC-11020] C14 N71-26774
DENCUPY F K_	Clear air turbulence detector
Device for preventing high voltage arcing in electron beam welding Patent	[ NASA-CASE-ERC-10081 ] C14 N/2-28437
[NASA-CASE-IMF-08522] c15 N71-19486	HARPER, C. A. Thermal conductive connection and method of
n an a	making same Patent
Temperature compensated digital inertial sensor [NASA-CASE-NPO-13044-1] C14 N74-15094	[NASA-CASE-XMS-02087] C09 N70-41717
HANKINSON, T. W. E.	HARRIAP, V. Integrated circuit including field effect
Fatique-resistant shear pin	transistor and cermet resistor
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Dual polarity full wave do motor drive Patent	HARDIS, D. M.
F m a c a _ C a c R = Y N P = 074 / 7   CU3 M / 1 = 200 32	Recorder using selective noise filter [NASA-CASE-ERC-10112] c07 M72-21119
High isolation RF signal selection switches [NASA-CASE-NPO-13081-1] C07 N73-23106	HARRIS, R. V., JR.
Event sequence detector	Supersonic aircraft Patent
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HANSEN, G. R.	HARRISON, D. R. Transducer circuit and catheter transducer Patent
Automatic vehicle location system [NASA-CASE-NPO-11850-1] C09 B74-12912	[NASA-CASE-ARC-10132-1] C09 N/1-2459/
HANSEN, G. R. JR.	Diode-quad bridge circuit means
Vehicle locating system utilizing AM	[NASA-CASE-ARC-10364-2(B)] C09 N74-74947 HARRISON, F. L.
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HANCEN. T. G.	[NASA-CASE-MSC-12393-1] c02 N73-26006
Plow angle sensor and read out system Patent	Pressure variable capacitor
[ nava case and compa	[NASA-CASE-XNP-09752] C14 009-21341
Thrust dynamometer Patent	Temperature telemetric transmitter Patent
[NASA-CASE-XLE-00702] C14 N70-40203	[NASA-CASE-NPO-10649] COV N/1-24840 HARTENSTRIM, R. G.
Nethod of making screen by casting Patent (NASA-CASE-XLE-00953) c15 N71-15966	Accelerometer with FM output Patent
pluid flow control value Patent	[NASA-CASE-XLA-00492] c14 N70-34799 Variable time constant smoothing circuit Patent
[NASA-CASE-XLE-00703] C15 N71-15967	[NASA-CASE-IGS-01983] C10 N70-41964
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HANSON, M. P.	Maksutov spectrograph Patent
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[NASA-CASE-XLE-00155] C28 N/1-29134 HANSON, P. W.	[NASA-CASE-LAR-10226-1] c14 N73-19419
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[NASA-CASE-LAR-10348-1] c11 N73-12264	Heat sensing instrument Patent [NASA-CASE-XLA-01551] c14 H71-22989
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Hydroforming techniques using epoxy molds Patent [NASA-CASE-ILE-05641-1] c15 N71-26346	[NASA-CASE-MPS-20486-2] c18 N74-17283 HASBACH, W. A.
[NASA-CASE-KLE-05641-1] C15 N71-26346 HANST, P. L.	Solid state matrices
Repetitively pulsed, wavelength selective laser	[HASA-CASE-NPO-10591] G03 N72-22041
Patent 46 y74 20032	Space and atmospheric reentry vehicle Patent
[NASA-CASE-ERC-10178] C16 N71-24032 HAQ, R. E.	[NASA-CASE-XGS-00260] C31 N70-37924
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carbide by isoepitaxy	from a rocket Vehicle
[NASA-CASE-ERC-10120] C26 N69-33482 HARALSON, H. S.	[NASA-CASE-GSC-10590-1] c31 N73-14853
Ultrasonic scanning system for in-place	HATCH, J. B.
inspection of brazed tube joints	Energy conversion apparatus Patent [NASA-CASE-KLE-00212] c03 N70-34134
[NASA-CASE-MFS-20767-1] C75 N74-15130 HARAWAY, W. M., JE.	HATCHER. No. E.
Thermal protection ablation spray system Patent	Electromagnetic mirror drive system
f NASA-CASE-XLA-042511 C18 N71-26100	[NASA-CASE-XLA-03724] C14 R69-2740; Infrared scanner Patent
Improved bonding method in the manufacture of continuous regression rate sensor devices	f NASA-CASE-XLA-001201 C21 N70-33181
[NASA-CASE-LAR-10337-1] c15 N74-14141	Automatic balancing device Patent
HARD. T. M.	[NASA-CASE-LAR-10774] C10 N/7-13345 Attitude sensor for space vehicles Patent
Optical systems having spatially invariant outputs [NASA-CASE-RRC-10248] c14 N72-17323	[NASA-CASE-XLA-00793] C21 N71-22880
[NASA-CASE-ERC-10248] C14 N/2-1/323 HARDGROVE, No. Fo	HAMPIRID J. J.
Omni-directional anisotropic molecular trap Patent	Integrated time shared instrumentation display
[NASA-CASE-XGS-00783] C30 N71-17788	Patent [NASA-CASE-XLA-01952] c08 N71-12507
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HAUGE, G.	c15 N70-34850
Low distortion automatic phase contr [NASA-CASE-MFS-21671-1]	col circuit   c10 N73-17211
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with bitroguanidine	
[NASA-CASE-NPO-12000] Bydrazinium nitroformate propellant	c27 N72-25699
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HAUSER, J. A.	
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High pressure helium purifier Paten [NASA-CASE-XMF-06888]	t c15 N71-24044
HAVEUS, D. E.	
A meter for use in detecting tension having predetermined elastic chara	in straps cteristics
[NASA-CASE-NFS-22189-1] HAULBY, J. J.	c14 N74-10421
Method of erasing target material of	.a vidicon
tube or the like Patent [NASA-CASE-XNP-06028]	c09 N71-23189
Onnidirectional acceleration device	Patent
[NASA-CASE-HON-10780]	c14 N71-30265
Magnetic counter Patent	
[NASA-CASE-INP-08836] EAYNES, J. L.	c09 N71-12515
Ultrasonic scanning system for in-pl inspection of brazed tube joints	ace
[NASA-CASE-MFS-20767-1]	c15 N74-15130
Interconnection of solar cells Pate	nt .
[NASA-CASE-YGS-01475] Frangible electrochemical cell	c03 N71-11058
[NASA-CASE-IGS-10010] HAYS, L. G.	c03 N72-15986
Fluid phase analyzer Patent	
[NASA-CASE-NPO-10691] Two phase flow system with discrete	c14 N71-26199
two-phase jets [NASA-CASE-NPO-11556]	c12 N72-25292
Observation window for a gas confinit	ng chamber
[NASA-CASE-NPO-10890] Flow control valve	c11 N73-12265
[NASA-CASE-NPO-11951-1] HEAD, R. H.	c15 N74-21065
Method and apparatus for predicting a occurrence of major solar events	
Application	
HEARN, C. F.	c30 N70-22183
Wideband VCO with high phase stabilite [NASA-CASE-XLA-03893]	ty Patent c10 N71-27271
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HEBERLIG, J. C.	C14 N74-20019
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HECHT, R. Apparatus for absolute pressure measu	TOMAN+
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radiation at multiple wave lengths Patent [NASA-CASE-XLE-00011] c14 N70-41946
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combustors Patent
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Ultrastable calibrated light source [NASA-CASE-MSC-12293-1] c14 N72-27411
HEIBR H. C.
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Lamination method and apparatus
[NASA-CASE-XLA-11028] C15 N72-21486 Evacuated displacement compression molding
[NASA-CASE-LAR-10782-2] c15 N73-31444
Apparatus and method of molding
[NASA-CASE-LAR-10489-2] c15 N73-31446 Evacuated displacement compression molding
[NASA-CASE-LAR-10782-1] c15 N74-14133
Method for compression molding of thermosetting
plastics utilizing a temperature gradient across the plastic to cure the article
[NASA-CASE-LAR-10489-1] c15 N74-18124
HEIMBUCH, A. H. Chromato-fluorographic drug detector
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HEIHERL, G. J.
Extensometer frame [NASA-CASE-KLA-10322] c15 N72-17452
HEINDL, J. C.
Fluid lubricant system Patent
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structures
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[NASA-CASE-XLA-07391] c12 N71-17579 Technique of duplicating fragile core
[NASA-CASE-XLA-07829] c15 N72-16329
Pluid pressure amplifier and system
[NASA-CASE-LAR-10868-1] C09 N74-11050 HELLHANN, R. P.
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BENDERSON, H. B.
Gas chromatograph injection system [NASA-CASE-ARC-10344-1] C14 N72-21433
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Method of detecting oxygen in a gas
[NASA-CASE-LAR-10668-1] c06 N73-16106
HENLEY, H. H.
Method of fabricating an object with a thin wall having a precisely shaped slit
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Apparatus for measuring swelling characteristics
of membranes
[ NASA-CASE-KGS-03865 ] C14 N69-21363
Prevention of pressure build-up in electrochemical cells Patent
[NASA-CASE-YGS-01419] c03 N70-41864
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Method and apparatus for battery charge control
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[NASA-CASE-MGS-05432] c03 N71-19438 Sealing device for an electrochemical cell Patent
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Sealed electrochemical cell provided wit	h a	HILDEBRANDT, A. P.	tont .
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BBHHY, A. W. Dicyanoacetylene polymers Patent		r nasa-case-xnp-011871	c15 N73-28516
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Method of producing refractory composite	es bido	wind tunnel test section [NASA-CASE-MFS-20509]	c11 N72-17183
containing tantalum carbide, hafnium and hafnium boride Patent	Calbine,	HILL Po Re	
(NASA-CASE-XLE-039407 CT	B N71-26153	Kinesthetic control simulator Paten	t Application
Refractory metal base alloy composites	9 M94 40E16	[NASA-CASE-LAR-10276-1] Heat protection apparatus Patent	c11 ¥70-26813
I WASE-CHOT THE STATE OF	7 N72-28536	[NASA-CASE-XLA-00892]	c33 N71-17897
Method of using photovoltaic cell using		HILLBERG, E. T.	
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Guick attach and release fluid coupling	assembly	Color television systems using a sin	gle gun
Patent		color cathode ray tube Patent	c09 N71-28618
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A support technique for vertically orie	nted	Drift compensation circuit for analogous	g to digital
launch vehicles		converter Patent	
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HEREON, B. G.		[NASA-CASE-GSC-10083-1]	c30 N71-16090
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Contour surveying system Patent [NASA-CASE-XLA-08646] c1	4 N71-17586	[NASA-CASE-NPO-10070]	c15 N71-27372
HESTER, H. B.		Novel polymers and method of prepari	ing same
Current regulating voltage divider		[NASA-CASE-NPO-10998-1]	c06 N73-32029
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France, Saran and Arterior	14 N73-26430	Unfurlable structure including coile thrust launched upon tension rele	ase Patent
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	11 N72-22246	HOCHMAIR, E. S.	
HIGA, W. H.		Integrated, single channel type FET [NASA-CASE-MFS-22343-1]	c09 N73-18224
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Refrigeration apparatus Patent		[NASA-CASE-MPS-21433]	c09 N73-20232
[NASA-CASE-XNP-08877] C	15 N71-23025	Integrable power gyrator	c09 N73-24236
HIGHY, R. F. Electronic background suppression method	nd and	[NASA-CASE-MFS-22342-1] HODDER, D. T.	C05 815 2120
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[NASA-CASE-XGS-05211] C	)7 N69-39980	[NASA-CASE-LAR-10634-1]	c15 N74-18123
HILBERT, B. E.		HOPPLER, G. W. Korotkov sound processor	
Data multiplexer using tree switching configuration		[NASA-CASE-MSC-13999-1]	c05 N72-25142
[NASA-CASE-NPO-11333] c	08 N72-22162	HOFFMAN, D. G.	
Flexible computer accessed telemetry	07 N72-25172	Light detection instrument Patent [NASA-CASE-XGS-05534]	c23 N71-16355
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[NASA-CASE-BRC-10552] c Fluidic-thermochronic display device		Gravity gradient attitude control s	ystem Patent
[NASA-CASE-ERC-10031] C	12 N71-18603	[NASA-CASE-GSC-10555-1]	C21 ¥71-27324
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HOPPHAN, L. D. Compensating bandwidth switching tr	ansients in	Wibration damping system Patent	c23 N71-15673
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Balanced bellows spirometer [NASA-CASE-XAR-01547]	c05 N69~21473	Scan converting video tape recorder	c07 N73-22076
HOLDEREE, O. C. Electric arc driven wind tunnel Pa [NASA-CASE-XHF-00411]	tent c11 N70~36913	[NASA-CASE-NPO-10166-1] HOLTZE, R. F. Coating process	CO7 N73-22070
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HOLRO, RL H. Enhanced diffusion welding		[NASA-CASE-MSC-13601-1] HOBEY, R. H.	c05 N72-11088
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Apparatus for welding blades to rot [NASA-CASE-LEW-10533-2]	c15 N74-11300	Patent [NASA-CASE-XGS-00740]	c07 N71-23098
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Signal conditioning circuit apparat		HOOPER, C. D.	
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polycarbonates [NASA-CASE-MPS-10512]	c06 N73-30099	Three mirror glancing incidence synthemics telescope	stem for x-ray
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[NASA-CASE-GSC-10087-2]	c21 N71-13958	system	-46 972 22240
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Traffic control system and method [NASA-CASE-GSC-10087-1]	Patent c02 N71-19287	[NASA-CASE-XLE-06773] HOPKINS, P. H.	c15 N71-23817
Position location system and method		Differential phase shift keyed com	munication
[NASA-CASE-GSC-10087-3]	c07 N72-12080	system [NASA-CASE-MSC-14065-1]	c07 N73-10215
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Ultraviolet filter		electrical contacts Patent	

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Method and apparatus for mapping pla	nets	[NASA-CASE-NPO-11366]	c11 N73-26238
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Burrowing apparatus [NASA-CASE-XNP-07169]	c15 N73-32362	Hand-held self-maneuvering unit P	atent
HOUCK, W. E.		[NASA-CASE-XMS-05304]	c05 x71-12336
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FNASA-CASE-RSC-106157	c15 N73-12486	Phase demodulation system with two	byase focked
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[NASA-CASE-XAC-05632]	c32 N71-23971	Apparatus for sensing temperature	
HOWARD, W. D.		[NASA-CASE-XLE-05230]	c14 N72-27410
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density material Patent	c14 N71-28993	Jet exhaust noise suppressor	***************************************
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[ NA SA-CASE-ARC-10100-1]	c05 N71-24738	Laser Doppler system for measuring dimensional vector velocity Pat	ent
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HOWARTH, J. T.	00- 270 (1170	Clear air turbulence detector	
Flame retardant elastomeric composi-	tions	[NASA-CASE-MFS-21244-1]	c20 N73-21523
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Strain gauge ambiguity sensor for s	eamented	[NASA-CASE-XMF-06092]	c07 N71-24612
mirror active optical system	cymcacoa	HUGHES, B. C.	
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Device for directionally controllin electromagnetic radiation Patent		Fast scan control for deflection	type mass
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[NASA-CASE-LAR-10204] Star image motion compensator	c14 N71-27215	[NASA-CASE-LAR-10483-1]	c14 N73-32327
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HOWLAND, B. T.		Automatic real-time pair-feeding	system for
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HBACH, P. J. Capacitor and method of making same	Patent	[NASA-CASE-LAR-10913]	c14 #72-16282
[NASA-CASE-LEW-10364-1]	c09 N71-13522	HUMPHREY, M. P.	
ERCE, R. L.		Raw liquid waste treatment system	c05 N73-31011
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BRUBY, R. Ja	003 1/2 12213	revolution Patent	
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Transient video signal recording wi playback Patent	ru erhanded	material Patent	
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Method of joining aluminum to stain:	less steel	Patent	. 4110141
Pațent		[NASA-CASE-XFE-04147]	c11 N71-10748
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Manually actuated heat pump		[NASA-CASE-XLE-00267]	c28 N70-33356
[NASA-CASE-NPO-10677] BUTCHISON, J. J.	c05 N72-11084	Electrothermal rockets having impro	ved heat
Trifunctional alcohol		exchangers Patent	
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Semiconductor transducer device [NASA-CASE-ERC-10087-2]  IANNIHI, A. A. Pressure sensitive transducers Pate [NASA-CASE-ERC-10087]  IDEM, R. B. Method for determining presence of C magnesium oxide	ent c14 N71-27334 OB in	Data compression system [NASA-CASE-XNP-09785]  JACOBS, R. B. Densitometer Patent [NASA-CASE-XLE-00688]  JACOBSON, D. S. Hermetically sealed semiconductor [NASA-CASE-GSC-10791-1]  JAKSTYS, V. J. Composite antenna feed	c14 N70-41330
Semiconductor transducer device [NASA-CASE-ERC-10087-2]  IANNIHI, A. A. Pressure sensitive transducers Pate [NASA-CASE-ERC-10087]  IDEN, R. B. Method for determining presence of C magnesium oxide [NASA-CASE-NPO-10774]  IGBNBBRGS, R. B. Self-energized plasma compressor	c14 N71-27334 08 in c06 N72-17095	Data compression system [NASA-CASE-XNP-09785]  JACOBS, R. B. Densitometer Patent [NASA-CASE-XLE-00688]  JACOBSON, D. S. Hermetically sealed semiconductor [NASA-CASE-GSC-10791-1]  JAKSTYS, V. J. Composite antenna feed	c14 ¥70-41330
Semiconductor transducer device [NASA-CASE-ERC-10087-2]  INNIHI, A. A. Pressure sensitive transducers Pate [NASA-CASE-ERC-10087]  IDEN, R. B. Method for determining presence of C magnesium oxide [NASA-CASE-NPO-10774]  IGBHBERGS, B. B. Self-energized plasma compressor [NASA-CASE-NFS-22145-1]	c14 N71-27334  B in  c06 N72-17095	Data compression system [NASA-CASE-XNP-09785]  JACOBS, Ro Bo Densitometer Patent [NASA-CASE-XLE-00688]  JACOBSON, Do So Hermetically sealed semiconductor [NASA-CASE-GSC-10791-1]  JAKSTYS, Vo Jo Composite antenna feed [NASA-CASE-GSC-11046-1]  JALINK, Ao, JRo Hethod for improving the signal-to-	c14 N70-41330 c15 N73-14469 c07 N73-28013
Semiconductor transducer device [NASA-CASE-ERC-10087-2]  INNNINI, A. A. Pressure sensitive transducers Pate [NASA-CASE-ERC-10087]  IDEN, R. B. Method for determining presence of C magnesium oxide [NASA-CASE-NPO-10774]  IGBHBBRGS, R. B. Self-energized plasma compressor [NASA-CASE-NFS-22145-1] Two stage light gas plasma projectil	c14 N71-27334  OB in  c06 N72-17095  c25 N73-26721 e accelerator	Data compression system [NASA-CASE-XNP-09785]  JACOBS, Ro Bo Densitometer Patent [NASA-CASE-XLE-00688]  JACOBSON, Do So Hermetically sealed semiconductor [NASA-CASE-GSC-10791-1]  JAKSTYS, Vo Jo Composite antenna feed [NASA-CASE-GSC-11046-1]  JALINK, Ao, JRo Hethod for improving the signal-to- of the Hheatstone bridge type bol	c14 N70-41330 c15 N73-14469 c07 N73-28013
Semiconductor transducer device [NASA-CASE-ERC-10087-2]  IANNINI, A. A. Pressure sensitive transducers Pate [NASA-CASE-ERC-10087]  IDEN, R. B. Hethod for determining presence of C magnesium oxide [NASA-CASE-NPO-10774]  IGBHBBRGS, B. B. Self-energized plasma compressor [NASA-CASE-MFS-22145-1]  Two stage light gas plasma projectil [NASA-CASE-MFS-22287-1]	c14 N71-27334  B in  c06 N72-17095	Data compression system [NASA-CASE-XNP-09785]  JACOBS, R. B. Densitometer Patent [NASA-CASE-XLE-00688]  JACOBSON, D. S. Hermetically sealed semiconductor [NASA-CASE-GSC-10791-1]  JAKSTYS, V. J. Composite antenna feed [NASA-CASE-GSC-11046-1]  JALINK, A., JR. Hethod for improving the signal-to- of the Wheatstone bridge type bold [NASA-CASE-XLL-02810]	c14 N70-41330 c15 N73-14469 c07 N73-28013
SeBiconductor transducer device [NASA-CASE-ERC-10087-2]  IANNIHI, A. A. Pressure sensitive transducers Pate [NASA-CASE-ERC-10087]  IDEN, R. B. Method for determining presence of C magnesium oxide [NASA-CASE-NPO-10774]  IGBNBBRGS, R. B. Self-energized plasma compressor [NASA-CASE-NFS-22145-1] Two stage light gas plasma projectil [NASA-CASE-NFS-22287-1]  IGOE, B. B.	c14 N71-27334  OB in  c06 N72-17095  c25 N73-26721 e accelerator	Data compression system [NASA-CASE-XNP-09785]  JACOBS, R. B. Densitometer Patent [NASA-CASE-XLE-00688]  JACOBSON, D. S. Hermetically sealed semiconductor [NASA-CASE-GSC-10791-1]  JAKSTYS, V. J. Composite antenna feed [NASA-CASE-GSC-11046-1]  JALINK, R., JR. Hethod for improving the signal-to-of the Hheatstone bridge type bold [NASA-CASE-XLA-02810] Infrared horizon locator	c14 N70-41330 c15 N73-14469 c07 N73-28013 noise ratio ometer Patent c14 N71-25901
Sebiconductor transducer device [NASA-CASE-ERC-10087-2]  INNIHI, A. A. Pressure sensitive transducers Pate [NASA-CASE-ERC-10087]  IDEN, R. B. Method for determining presence of C magnesium oxide [NASA-CASE-NPO-10774]  IGBBBERGS, B. B. Self-energized plasma compressor [NASA-CASE-MFS-22145-1]  Two stage light gas plasma projectil [NASA-CASE-MFS-22287-1]  IGGE, U. B. Dynamic vibration absorber Patent	c14 N71-27334  08 in  c06 N72-17095  c25 N73-26721 e accelerator c11 N74-18891	Data compression system [NASA-CASE-XNP-09785]  JACOBS, R. B. Densitometer Patent [NASA-CASE-XLE-00688]  JACOBSON, D. S. Hermetically sealed semiconductor [NASA-CASE-GSC-10791-1]  JAKSTYS, V. J. Composite antenna feed [NASA-CASE-GSC-11046-1]  JALINK, A., JR. Hethod for improving the signal-to-of the Wheatstone bridge type bold [NASA-CASE-XLA-02810] Infrared horizon locator [NASA-CASE-LAR-10726-1]	c14 N70-41330 c15 N73-14469 c07 N73-28013 noise ratio
SeBiconductor transducer device [NASA-CASE-ERC-10087-2]  IANNIHI, A. A. Pressure sensitive transducers Pate [NASA-CASE-ERC-10087]  IDEN, R. B. Method for determining presence of C magnesium oxide [NASA-CASE-NPO-10774]  IGBNBBRGS, R. B. Self-energized plasma compressor [NASA-CASE-NFS-22145-1] Two stage light gas plasma projectil [NASA-CASE-NFS-22287-1]  IGOE, B. B.	c14 N71-27334  OB in  c06 N72-17095  c25 N73-26721 e accelerator	Data compression system [NASA-CASE-XNP-09785]  JACOBS, R. B. Densitometer Patent [NASA-CASE-XLE-00688]  JACOBSON, D. S. Hermetically sealed semiconductor [NASA-CASE-GSC-10791-1]  JAKSTYS, V. J. Composite antenna feed [NASA-CASE-GSC-11046-1]  JALINK, A., JR. Hethod for improving the signal-to-of the Hheatstone bridge type bold [NASA-CASE-XLA-02810] Infrared horizon locator [NASA-CASE-LAR-10726-1]  JAHES, N. J.	c14 N70-41330 c15 N73-14469 c07 N73-28013 noise ratio ometer Patent c14 N71-25901
Sebiconductor transducer device [NASA-CASE-ERC-10087-2]  IANNIHI, A. A. Pressure sensitive transducers Pate [NASA-CASE-ERC-10087]  IDEN, R. B. Method for determining presence of C magnesium oxide [NASA-CASE-NPO-10774]  IGBHBERGS, R. B. Self-energized plasma compressor [NASA-CASE-NFS-22145-1]  Two stage light gas plasma projectil [NASA-CASE-NFS-22287-1]  IGOE, U. B. Dynamic vibration absorber Patent [NASA-CASE-LAR-10083-1]  ILES, P. A.	c14 N71-27334  OB in  c06 N72-17095  c25 N73-26721  e accelerator  c11 N74-18891  c15 N71-27006	Data compression system [NASA-CASE-XNP-09785]  JACOBS, R. B. Densitometer Patent [NASA-CASE-XLE-00688]  JACOBSON, D. S. Hermetically sealed semiconductor [NASA-CASE-GSC-10791-1]  JAKSTYS, V. J. Composite antenna feed [NASA-CASE-GSC-11046-1]  JALINK, A., JR. Hethod for improving the signal-to- of the Wheatstone bridge type bold [NASA-CASE-XLL-02810] Infrared horizon locator [NASA-CASE-LAR-10726-1]  JAHES, N. J. Resilient wheel Patent	c14 N70-41330 c15 N73-14469 c07 N73-28013 noise ratio ometer Patent c14 N71-25901 c14 N73-20475
Semiconductor transducer device [NASA-CASE-ERC-10087-2]  INNIHI, A. A. Pressure sensitive transducers Pate [NASA-CASE-ERC-10087]  IDEN, R. B. Method for determining presence of C magnesium oxide [NASA-CASE-NPO-10774]  IGBHBERGS, E. B. Self-energized plasma compressor [NASA-CASE-NFS-22145-1]  Two stage light gas plasma projectil [NASA-CASE-NFS-22287-1]  IGOE, H. B. Dynamic vibration absorber Patent [NASA-CASE-LAR-10083-1]	c14 N71-27334  OB in  c06 N72-17095  c25 N73-26721  e accelerator  c11 N74-18891  c15 N71-27006	Data compression system [NASA-CASE-XNP-09785]  JACOBS, Ro Bo Densitometer Patent [NASA-CASE-XLE-00688]  JACOBSON, Do So Hermetically sealed semiconductor [NASA-CASE-GSC-10791-1]  JAKSTYS, Vo Jo Composite antenna feed [NASA-CASE-GSC-11046-1]  JALINK, Ro, JRo Hethod for improving the signal-to-of the Hheatstone bridge type bold [NASA-CASE-XLR-02810] Infrared horizon locator [NASA-CASE-LAR-10726-1]  JAHES, No Jo Resilient wheel Patent [NASA-CASE-HFS-13929]	c14 N70-41330 c15 N73-14469 c07 N73-28013 noise ratio ometer Patent c14 N71-25901
Semiconductor transducer device [NASA-CASE-ERC-10087-2]  INNIHI, A. A. Pressure sensitive transducers Pate [NASA-CASE-ERC-10087]  IDEN, R. B. Method for determining presence of Comagnesium oxide [NASA-CASE-NPO-10774]  IGBHBERGS, R. B. Self-energized plasma compressor [NASA-CASE-NFS-22145-1]  Two stage light gas plasma projectil [NASA-CASE-NFS-22287-1]  IGOE, U. B. Dynamic vibration absorber Patent [NASA-CASE-LAR-10083-1]  ILES, P. A. Method for producing a solar cell ha integral protective covering [NASA-CASE-XGS-04531]	c14 N71-27334  08 in  c06 N72-17095  c25 N73-26721 e accelerator c11 N74-18891  c15 N71-27006  ving an  c03 N69-24267	Data compression system [NASA-CASE-XNP-09785]  JACOBS, R. B. Densitometer Patent [NASA-CASE-XLE-00688]  JACOBSON, D. S. Hermetically sealed semiconductor [NASA-CASE-GSC-10791-1]  JAKSTYS, V. J. Composite antenna feed [NASA-CASE-GSC-11046-1]  JALINK, A., JR. Hethod for improving the signal-to- of the Wheatstone bridge type bold [NASA-CASE-XLL-02810] Infrared horizon locator [NASA-CASE-LAR-10726-1]  JAHES, N. J. Resilient wheel Patent	c14 N70-41330 c15 N73-14469 c07 N73-28013 noise ratio ometer Patent c14 N71-25901 c14 N73-20475
Semiconductor transducer device [NASA-CASE-ERC-10087-2]  IANNIHI, A. A.  Pressure sensitive transducers Pate [NASA-CASE-ERC-10087]  IDBN, R. B.  Method for determining presence of C.  magnesium oxide [NASA-CASE-NPO-10774]  IGBNBBRGS, B. B.  Self-energized plasma compressor [NASA-CASE-NFS-22145-1]  Two stage light gas plasma projectil [NASA-CASE-NFS-22287-1]  IGOB, D. B.  Dynamic vibration absorber Patent [NASA-CASE-LAR-10083-1]  ILES, P. A.  Method for producing a solar cell ha integral protective covering [NASA-CASE-KGS-04531]  Method of coating solar cell with bo	c14 N71-27334  08 in  c06 N72-17095  c25 N73-26721 e accelerator c11 N74-18891  c15 N71-27006  ving an  c03 N69-24267	Data compression system [NASA-CASE-XNP-09785]  JACOBS, R. B. Densitometer Patent [NASA-CASE-XLE-00688]  JACOBSON, D. S. Hermetically sealed semiconductor [NASA-CASE-GSC-10791-1]  JAKSTYS, V. J. Composite antenna feed [NASA-CASE-GSC-11046-1]  JALINK, A., JR. Hethod for improving the signal-to-of the Wheatstone bridge type bold [NASA-CASE-XLA-02810] Infrared horizon locator [NASA-CASE-LAR-10726-1]  JAHES, N. J. Resilient wheel Patent [NASA-CASE-HFS-13929] JAGHESON, J. R., JR.	c14 N70-41330 c15 N73-14469 c07 N73-28013 noise ratio ometer Patent c14 N71-25901 c14 N73-20475
Semiconductor transducer device [NASA-CASE-ERC-10087-2]  IANNIHI, A. A. Pressure sensitive transducers Pate [NASA-CASE-ERC-10087]  IDBH, R. B. Method for determining presence of C magnesium oxide [NASA-CASE-NPO-10774]  IGBHBERGS, R. B. Self-energized plasma compressor [NASA-CASE-MFS-22145-1]  Two stage light gas plasma projectil [NASA-CASE-MFS-22287-1]  IGOB, U. B. Dynamic vibration absorber Patent [NASA-CASE-LAR-10083-1]  ILES, P. A. Method for producing a solar cell ha integral protective covering [NASA-CASE-XGS-04531] Method of coating solar cell with bo glass and resultant product	c14 N71-27334  OB in  c06 N72-17095  c25 N73-26721 e accelerator c11 N74-18891  c15 N71-27006  ving an  c03 N69-24267 rosilicate	Data compression system [NASA-CASE-XNP-09785]  JACOBS, Ro Bo Densitometer Patent [NASA-CASE-XLE-00688]  JACOBSON, Do So Hermetically sealed semiconductor [NASA-CASE-GSC-10791-1]  JAKSTYS, Vo Jo Composite antenna feed [NASA-CASE-GSC-11046-1]  JALINK, Ro, JRo Hethod for improving the signal-to- of the Hheatstone bridge type bold [NASA-CASE-XLA-02810] Infrared horizon locator [NASA-CASE-LAR-10726-1]  JAHES, No Jo Resilient wheel Patent [NASA-CASE-HFS-13929]  JAGIESON, Jo Ro, JRo Optical rotational sensor [NASA-CASE-KSC-10752-1]  JAHISON, Ho Ho	c14 N70-41330 c15 N73-14469 c07 N73-28013 noise ratio ometer Patent c14 N71-25901 c14 N73-20475 c15 N71-27091
Semiconductor transducer device [NASA-CASE-ERC-10087-2]  INNIHI, A. A. Pressure sensitive transducers Pate [NASA-CASE-ERC-10087]  IDBN, R. B. Method for determining presence of C magnesium oxide [NASA-CASE-NPO-10774]  IGBNBBRGS, B. B. Self-energized plasma compressor [NASA-CASE-NFS-22145-1]  Two stage light gas plasma projectil [NASA-CASE-NFS-22287-1]  IGOE, U. B. Dynamic vibration absorber Patent [NASA-CASE-LAR-10083-1]  ILES, P. A. Method for producing a solar cell ha integral protective covering [NASA-CASE-KGS-04531]  Method of coating solar cell with bo glass and resultant product [NASA-CASE-GSC-11514-1]	c14 N71-27334  08 in  c06 N72-17095  c25 N73-26721 e accelerator c11 N74-18891  c15 N71-27006  ving an  c03 N69-24267	Data compression system [NASA-CASE-XNP-09785]  JACOBS, R. B. Densitometer Patent [NASA-CASE-XLE-00688]  JACOBSON, D. S. Hermetically sealed semiconductor [NASA-CASE-GSC-10791-1]  JAKSTYS, V. J. Composite antenna feed [NASA-CASE-GSC-11046-1]  JALINK, A., JR. Hethod for improving the signal-to-of the Hheatstone bridge type bold [NASA-CASE-XLE-02810] Infrared horizon locator [NASA-CASE-LAR-10726-1]  JAHES, N. J. Resilient wheel Patent [NASA-CASE-HRS-13929]  JAGIESON, J. B., JR. Optical rotational sensor [NASA-CASE-KSC-10752-1]  JAHISON, H. H. Ion-exchange membrane with platinum	c14 N70-41330 c15 N73-14469 c07 N73-28013 noise ratio ometer Patent c14 N71-25901 c14 N73-20475 c15 N71-27091
Sebiconductor transducer device [NASA-CASE-ERC-10087-2]  IANNIHI, A. A. Pressure sensitive transducers Pate [NASA-CASE-ERC-10087]  IDEN, R. B. Method for determining presence of C magnesium oxide [NASA-CASE-NPO-10774]  IGBNBBERGS, R. B. Self-energized plasma compressor [NASA-CASE-NFS-22145-1]  Two stage light gas plasma projectil [NASA-CASE-NFS-22287-1]  IGOE, B. B. Dynamic vibration absorber Patent [NASA-CASE-LAR-10083-1]  ILES, P. A. Method for producing a solar cell ha integral protective covering [NASA-CASE-KGS-04531]  Method of coating solar cell with bo glass and resultant product [NASA-CASE-GSC-11514-1]  ILLG, U.	c14 N71-27334  OB in  c06 N72-17095  c25 N73-26721 e accelerator c11 N74-18891  c15 N71-27006  ving an  c03 N69-24267 rosilicate	Data compression system [NASA-CASE-XNP-09785]  JACOBS, R. B. Densitometer Patent [NASA-CASE-XLE-00688]  JACOBSON, D. S. Hermetically sealed semiconductor [NASA-CASE-GSC-10791-1]  JAKSTYS, V. J. Composite antenna feed [NASA-CASE-GSC-11046-1]  JALINK, A., JR. Hethod for improving the signal-to- of the Hheatstone bridge type bold [NASA-CASE-XLL-02810] Infrared horizon locator [NASA-CASE-LAR-10726-1]  JAHES, N. J. Resilient wheel Patent [NASA-CASE-HFS-13929]  JAGIESON, J. R., JR. Optical rotational sensor [NASA-CASE-KSC-10752-1]  JAHISON, H. H. Ion-exchange membrane with platinum assembly Patent	c14 N70-41330 c15 N73-14469 c07 N73-28013 noise ratio ometer Patent c14 N71-25901 c14 N73-20475 c15 N71-27091 c15 N73-27407 electrode
Semiconductor transducer device [NASA-CASE-ERC-10087-2]  IANNIHI, A. A. Pressure sensitive transducers Pate [NASA-CASE-ERC-10087]  IDBH, R. B. Method for determining presence of Comagnesium oxide [NASA-CASE-NPO-10774]  IGBHBERGS, B. B. Self-energized plasma compressor [NASA-CASE-NFS-22145-1]  Two stage light gas plasma projectil [NASA-CASE-NFS-22287-1]  IGOB, B. B. Dynamic vibration absorber Patent [NASA-CASE-LAR-10083-1]  ILES, P. A. Method for producing a solar cell had integral protective covering [NASA-CASE-KGS-04531] Method of coating solar cell with bo glass and resultant product [NASA-CASE-GSC-11514-1]  ILIG, B. Hydraulic grip Patent	c14 N71-27334  OB in  c06 N72-17095  c25 N73-26721 e accelerator c11 N74-18891  c15 N71-27006  Ving an  c03 N69-24267 rosilicate  c03 N72-24037	Data compression system [NASA-CASE-XNP-09785]  JACOBS, R. B. Densitometer Patent [NASA-CASE-XLE-00688]  JACOBSON, D. S. Hermetically sealed semiconductor [NASA-CASE-GSC-10791-1]  JAKSTYS, V. J. Composite antenna feed [NASA-CASE-GSC-11046-1]  JALINK, A., JR. Hethod for improving the signal-to-of the Hheatstone bridge type bold [NASA-CASE-XLA-02810]  Infrared horizon locator [NASA-CASE-LAR-10726-1]  JAHES, N. J. Resilient wheel Patent [NASA-CASE-HFS-13929]  JAHIESON, J. R., JR. Optical rotational sensor [NASA-CASE-KSC-10752-1]  JAHISON, H. H. Ion-exchange membrane with platinum assembly Patent [NASA-CASE-INS-02063]	c14 N70-41330 c15 N73-14469 c07 N73-28013 noise ratio ometer Patent c14 N71-25901 c14 N73-20475 c15 N71-27091
SeBiconductor transducer device [NASA-CASE-ERC-10087-2]  INNIHI, A. A. Pressure sensitive transducers Pate [NASA-CASE-ERC-10087]  IDBN, R. B. Method for determining presence of Cases and Cases and results a solar cell with both stage light gas plasma projectil [NASA-CASE-MFS-22145-1]  Two stage light gas plasma projectil [NASA-CASE-MFS-22287-1]  IGOB, U. B. Dynamic vibration absorber Patent [NASA-CASE-LAR-10083-1]  ILES, P. A. Method for producing a solar cell ha integral protective covering [NASA-CASE-KSS-04531]  Method of coating solar cell with both specifies and resultant product [NASA-CASE-GSC-11514-1]  ILIG, U. Hydraulic grip Patent [NASA-CASE-ILA-05100]	c14 N71-27334  OB in  c06 N72-17095  c25 N73-26721 e accelerator c11 N74-18891  c15 N71-27006  ving an  c03 N69-24267 rosilicate  c03 N72-24037	Data compression system [NASA-CASE-XNP-09785]  JACOBS, Ro Bo Densitometer Patent [NASA-CASE-XLE-00688]  JACOBSON, Do So Hermetically sealed semiconductor [NASA-CASE-GSC-10791-1]  JAKSTYS, Vo Jo Composite antenna feed [NASA-CASE-GSC-11046-1]  JALINK, Ro, JRo Hethod for improving the signal-to-of the Hheatstone bridge type bold [NASA-CASE-XLA-02810] Infrared horizon locator [NASA-CASE-LAR-10726-1]  JAHES, No Jo Resilient wheel Patent [NASA-CASE-HFS-13929]  JAGIESON, Jo Ro, JRo Optical rotational sensor [NASA-CASE-KSC-10752-1]  JAHISON, Ho Ho Ion-exchange membrane with platinum assembly Patent [NASA-CASE-INS-02063]  JANEFF, Ho	c14 N70-41330 c15 N73-14469 c07 N73-28013 noise ratio ometer Patent c14 N71-25901 c14 N73-20475 c15 N71-27091 c15 N73-27407 electrode
Semiconductor transducer device [NASA-CASE-ERC-10087-2]  IANNIHI, A. A. Pressure sensitive transducers Pate [NASA-CASE-ERC-10087]  IDBH, R. B. Method for determining presence of Comagnesium oxide [NASA-CASE-NPO-10774]  IGBHBERGS, B. B. Self-energized plasma compressor [NASA-CASE-NFS-22145-1]  Two stage light gas plasma projectil [NASA-CASE-NFS-22287-1]  IGOB, B. B. Dynamic vibration absorber Patent [NASA-CASE-LAR-10083-1]  ILES, P. A. Method for producing a solar cell had integral protective covering [NASA-CASE-KGS-04531] Method of coating solar cell with bo glass and resultant product [NASA-CASE-GSC-11514-1]  ILIG, B. Hydraulic grip Patent	c14 N71-27334  OB in  c06 N72-17095  c25 N73-26721 e accelerator c11 N74-18891  c15 N71-27006  ving an  c03 N69-24267 rosilicate  c03 N72-24037	Data compression system [NASA-CASE-XNF-09785]  JACOBS, R. B. Densitometer Patent [NASA-CASE-XLE-00688]  JACOBSON, D. S. Hermetically sealed semiconductor [NASA-CASE-GSC-10791-1]  JAKSTYS, V. J. Composite antenna feed [NASA-CASE-GSC-11046-1]  JALINK, A., JR. Hethod for improving the signal-to-of the Wheatstone bridge type bold [NASA-CASE-XLA-02810] Infrared horizon locator [NASA-CASE-XLA-02810] JAHES, N. J. Resilient wheel Patent [NASA-CASE-HFS-13929]  JAHIESON, J. R., JR. Optical rotational sensor [NASA-CASE-KSC-10752-1]  JAHISON, H. H. Ion-exchange membrane with platinum assembly Patent [NASA-CASE-INS-02063]  JANNEF, H. Tracking receiver Patent	c14 N70-41330 c15 N73-14469 c07 N73-28013 noise ratio ometer Patent c14 N71-25901 c14 N73-20475 c15 N71-27091 c15 N73-27407 electrode c03 N71-29044
Semiconductor transducer device [NASA-CASE-ERC-10087-2]  IANNIHI, A. A. Pressure sensitive transducers Pate [NASA-CASE-ERC-10087]  IDBH, R. B. Method for determining presence of Comagnesium oxide [NASA-CASE-NPO-10774]  IGBHBERGS, R. B. Self-energized plasma compressor [NASA-CASE-NFS-22145-1]  Two stage light gas plasma projectil [NASA-CASE-NFS-22287-1]  IGOB, U. B. Dynamic vibration absorber Patent [NASA-CASE-LAR-10083-1]  ILES, P. A. Method for producing a solar cell had integral protective covering [NASA-CASE-KGS-04531]  Method of coating solar cell with hod glass and resultant product [NASA-CASE-GSC-11514-1]  ILIG, U. Hydraulic grip Patent [NASA-CASE-ILA-05100]  Light shield and infrared reflector testing Patent [NASA-CASE-ILA-01782]	c14 N71-27334  OB in  c06 N72-17095  c25 N73-26721 e accelerator c11 N74-18891  c15 N71-27006  ving an  c03 N69-24267 rosilicate  c03 N72-24037	Data compression system [NASA-CASE-XNP-09785]  JACOBS, R. B. Densitometer Patent [NASA-CASE-XLE-00688]  JACOBSON, D. S. Hermetically sealed semiconductor [NASA-CASE-GSC-10791-1]  JAKSTYS, V. J. Composite antenna feed [NASA-CASE-GSC-11046-1]  JALINK, A., JR. Hethod for improving the signal-to-of the Hheatstone bridge type bold [NASA-CASE-XLA-02810]  Infrared horizon locator [NASA-CASE-LAR-10726-1]  JAHES, N. J. Resilient wheel Patent [NASA-CASE-HFS-13929]  JAHIESON, J. R., JR. Optical rotational sensor [NASA-CASE-KSC-10752-1]  JAHISON, H. H. Ion-exchange membrane with platinum assembly Patent [NASA-CASE-XMS-02063]  JANNFF, H. Tracking receiver Patent [NASA-CASE-XGS-08679]	c14 N70-41330 c15 N73-14469 c07 N73-28013 noise ratio ometer Patent c14 N71-25901 c14 N73-20475 c15 N71-27091 c15 N73-27407 electrode
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SeBiconductor transducer device [NASA-CASE-ERC-10087-2]  IANNIHI, A. A. Pressure sensitive transducers Pate [NASA-CASE-ERC-10087]  IDEN, R. B. Method for determining presence of Commandersium oxide [NASA-CASE-NPO-10774]  IGBNBBERGS, R. B. Self-energized plasma compressor [NASA-CASE-NFS-22145-1]  Two stage light gas plasma projectil [NASA-CASE-NFS-22287-1]  IGOE, B. B. Dynamic vibration absorber Patent [NASA-CASE-LAR-10083-1]  ILES, P. A. Method for producing a solar cell had integral protective covering [NASA-CASE-KSS-04531]  Method of coating solar cell with bound glass and resultant product [NASA-CASE-SCS-11514-1]  ILIG, U. Hydraulic grip Patent [NASA-CASE-ILA-05100] Light shield and infrared reflector testing Patent [NASA-CASE-ILA-01782]  ILBOLDI, E. Tracking receiver Patent	c14 N71-27334  OB in  c06 N72-17095  c25 N73-26721  e accelerator c11 N74-18891  c15 N71-27006  Ving an  c03 N69-24267  rosilicate  c03 N72-24037  c15 N71-17695  for fatigue c14 N71-26136	Data compression system [NASA-CASE-XNF-09785]  JACOBS, R. B. Densitometer Patent [NASA-CASE-XLE-00688]  JACOBSON, D. S. Hermetically sealed semiconductor [NASA-CASE-SC-10791-1]  JAKSTYS, V. J. Composite antenna feed [NASA-CASE-GSC-11046-1]  JALINK, A., JR. Hethod for improving the signal-to-of the Hheatstone bridge type bold [NASA-CASE-XLL-02810] Infrared horizon locator [NASA-CASE-XLL-02810] Infrared horizon locator [NASA-CASE-LAR-10726-1]  JAHES, N. J. Resilient wheel Patent [NASA-CASE-HFS-13929]  JAGIESON, J. R., JR. Optical rotational sensor [NASA-CASE-KSC-10752-1]  JAHISON, H. H. Ion-exchange membrane with platinum assembly Patent [NASA-CASE-INS-02063]  JANFFF, H. Tracking receiver Patent [NASA-CASE-XGS-08679]  JANNICHE, P. J., JR. Passive synchronized spike generator input impedance and low output impedance	c14 N70-41330 c15 N73-14469 c07 N73-28013 noise ratio ometer Patent c14 N71-25901 c14 N73-20475 c15 N71-27091 c15 N73-27407 electrode c03 N71-29044 c10 N71-21473
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JEHRINS, R. E. Thermally conductive polymers		and means therefor Patent	
[ HASA-CASE-GSC-11304-1]	c06 N72-21105	[NASA-CASE-XNP-08875]	c10 N71-23099
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Continuous plasma light source	025 N/4 #1055	Electronic checkout system for space	<b>v</b> ehicles
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JENSEN, P. A.  Low noise single aperture nultimode	nonopulse	[ HASA-CASB-MSC-12111-1 ]	c02 N71-11039
antenna feed system Patent		Hand-held self-maneuvering unit Pat	ent c05 N71-12336
[NASA-CASE-INP-01735]	c07 N71-22750	[NASA-CASE-XES-05304] Pluid power transmission Patent	CO3 B71-12330
JESSUP, A. D. Variable angle tube holder		[WASA-CASE-XMS-01445]	c12 N71-16031
[WASA-CASE-LAR-10507-1]	c11 #72-25284	Subgravity simulator Patent [WASA-CASE-XMS-04798]	c11 N71-21474
Lyophilized Spore dispenser [NASA-CASE-LAE-10544-1]	c15 ¥74-13178	Pneumatic amplifier Patent	
JETER, J. D.		[NASA-CASE-MSC-12121-1]	c15 N71-27147
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JEBRIL, P. A.	C11 #11 24303	[NASA-CASE-XGS-04548]	c15 N71-24045
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Production of high purity silicon ca	rhide Patent	[NASA-CASE-LAR-11087-1] JOHNSON, K. G.	CO2 M13-20000
[NASA-CASE-XLA-00158]	c26 ¥70-36805	Positioning mechanism	
Apparatus for producing high purity	silicon	[NASA-CASE-NPO-10679]	c15 N72-21462
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Method of coating carbonaceous base	to prevent	determination of a high temperatur	e laminar
oxidation destruction and coated l	pase Patent c15 M71-16075	flow gas stream Patent [NASA-CASE-XLE-00266]	c14 N70-34156
[NASA-CASE-XLA-G0284] Method of coating carbonaceous base		JOHNSON, R. R.	
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[NASA-CASE-XLA-00302] JEX, D. W.	c15 ¥71-16077	[HASA-CASE-MFS-20125] JOHNSON, R. L	010 272 1010
Liquid aerosol dispenser		Gas lubricant compositions Patent	-40 W74 20007
[NASA-CASE-MFS-20829]	c12 N72-21310	[BASA-CASE-XLE-00353] Metallic film diffusion for boundar;	c18 N70-39897
Two stage light gas plasma projectil [MASA-CASE-MFS-22287-1]	c11 N74-18891	Patent	
JOHANSEN, D. L.		[ MASA-CASE-NLE-01765]	c18 N71-10772
Articulated Bultiple couch assembly	Patent c05 #71-12343	Alloys for bearings Patent [MASA-CASE-XLE-05033]	c15 N71-23810
[NASA-CASE-MSC-11253] Collapsible Apollo couch	200 Bil 10075	metallic film diffusion for boundary	
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JOHNS, C. R. Continuously variable voltage contro	olled phase	[ BASA-CASE-XLE-10337 ] JOHNSON, V. R., JR.	AIM WILL WARE
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[ NASA-CASE-NPO-11129 ]	c09 N72-33204	[NASA-CASE-XLA-00229]	c12 N70-33305
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Hypersonic test facility Patent		Electrostatic measurement system	c09 #73-26197
[NASA-CASE-XLA-05378]	c11 N71-21475	[ Wasa-Case-Mys-22129-1 ]	CAN N.13-80 (3)

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Electrostatic entrained material	neasurement	Light regulator	
\System \[BASA-CASE-BPS-22128-2]	a1h 1170-10000	[NASA-CASE-LAR-10836-1]	c26 N72-2778
JOHUSTON, R. L.	c14 ¥74-18098	Deposition apparatus [NASA-CASE-LAR-10541-1]	C15 N77- 2000
Bultiple environment naterials t	est chamber	JURRGRESRE, K.	c15 N72~3248
having a multiple port X-ray to irradiating a plurality of san	ube for	Regenerative braking system Pate	
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Shock absorbing support and rest: [MASA-CASE-XHS-01240]	cos N70-35152	[ WASA-CASE-LEH-11593-1]	c28 N73-25816
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[ NASA-CASE-GSC-11434-1 ]	c14 N72-27430	[NASA-CASE-XNP-04023]	c06 N71-28808
JODES, B. B. Accumulator Fatent Application	·	0.4	
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Accumulator	40 270 0524	Kalpayan, S. H.	\$ - ×
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Shock absorber Patent		[NASA-CASE-NPO-10701] Strain gage mounting assembly	c06 - N71-28620
[ WASA-CASE-YHS-03722] JOHES, J. H.	c15 N71-21530	[ NASA-CASE-NPO-13170-1]	c14 N73-28495
Lightning tracking system		KALKBRENDER, R. U.	
[ NASA-CASE-#5C-10729-17]	c09 N73-32110	Heat transfer device [NASA-CASE-NPO-11120-1]	c33 N74-18552
JOHES, J. L.		RALLIUS, C.	033 M74-10332
Hultiple circuit switch apparatus pivot actuator structure Pater	t.	Rotary actuator	-15 470 0607
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[ WASA-CASE-ARC-10160-1] JOURS, R. A.	c23 N72-27728	[NASA-CASE-NPO-10298]	c12 N71-17661
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[NASA-CASE-LAR-11138]	c12 N71-20436	amount of liquid in a tank Pat	
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Jodes, R. H.	· ·	Hethod and apparatus for determin electromagnetic characteristics	
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having a known velocity [NASA-CASE-HFS-21424-1]	c12 N73-16248	[NASA-CASE-XGS-02608]	c07 N70-41678
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Helmet assembly and latch means t [NASA-CASE-XMS-04935]		satellite Patent	
JONES, R. T.	c05 N71-11190	[NASA-CASE-XGS-02607] HADE, T. B.	c31 N71-23009
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horizontal stabilizer [NASA-CASE-ARC-10470-1]	c02 N73-26005	[NASA-CASE-HQN-10439]	c21 H72-21624
Single wing supersonic aircraft	CU2 N/3-20003	RABIOTIS, A. H. Compression test assembly	•
[NASA-CASE-ARC-10470-2]	c02 N73-30018	[ NASA-CASE-LAR-10440-1]	c14 N73-32323
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[NASA-CASE-XNP-05219]	c16 N71-15550	Tape guidance system and apparatu provision thereof Patent	s for the
Superconducting magnet Patent		[NASA-CASE-XNP-09453]	c08 N71-19420
[NASA-CASE-XNP-06503] JORDAD, A. H.	c23 N71-29049	Incremental tape recorder and dat	a rate
Electric storage battery		CONVERTER Patent [WASA-CASE-XNP-02778]	c08 ¥71-22710
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[NASA-CASE-MEF-04966]	C14 N71-17658	[NASA-CASE-MFS-14772] Pine adjustment mount	c15 N71-17692
JOSIAS, C. S.	•	[NASA-CASE-BFS-20249]	c15 N72-11386
Hicro current measuring device us: logarithmic response heated file	ing plural	Adjustable force probe	, , , , , , , , , , , , , , , , , , , ,
diodes Patent	gmencarl clbs	[ NASA-CASE-HPS-20760 ] Kastab, H.	c14 N72-33377
[NASA-CASE-XNP-00384]	c09 N71-13530	Absorptive splitter for closely s	paced
JOSLYBa A. C. Boiler for generating high quality	P Wanne Datont	supersonic engine air inlets p	atent
[NASA-CASE-XLE-00785]	c33 N71-16104	[NASA-CASE-XLA-02865] Katon, H. S.	c28 N71-15563
JOINER, U. T.		Multi-feed cone Cassegrain antenna	a Patent
Nose gear steering system for web: skids Patent	icle with pain	[ MASA-CASE-NPO-10539 ]	c07 H71-11285
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JODD, B. S.		[NASA-CASE-XMP-00456]	C14 N70-34705
Garments for controlling the temperature Patent	erature of the	Optimum predetection diversity re-	eiving system
body Patent [NASA-CASE-185-10269]	c05 N71-24147	Patent [NASA-CASE-XGS-00740]	
JUDD, J. H.		Apparatus for obtaining isotropic	c07 N71-23098
Air frame drag balance Patent [NASA-CASE-XLA-00113]	C18 #70-22304	a specimen	
Spacecraft airlock Patent	c14 N70-33386	[NASA-CASE-NFS-20095] KATZ, E. H.	c24 172-11595
[NASA-CASE-XLA-02050]	c31 N71-22968	Temperature reducing coating for a	etals subject
	•	to flame exposure Patent	

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[NASA-CASE-XLE-00035] c33 N71-29151	KELLY, W. L., IV A spectrometer integrated with a facsimile camera
KATZBERG, S. J. A spectrometer integrated with a facsimile camera	[NASA-CASE-LAR-11207-1] C14 N/3-28496
INASA-CASE-LAR-11207-11 C74 N/3-28490	KELSEY, B. L. Transient-compensated SCR inverter
Automatic focus control for facsimile cameras [NASA-CASE-LAR-11213-1] c14 N74-10420	[NASA-CASE-XLA-08507] CO9 N69-39964
[NASA-CASE-LAR-11213-1] C14 N/4-70420 RATZEN, B. D.	SCR blocking pulse gate amplifier Patent
A protected isotope heat source	[ MAJE CHOT WHY A. 12. ]
[NASA-CASE-LEW-11227-1] c33 N71-35153	REMP, K. L. Pneumatic mirror support system
Breakaway connector	[NASA-CASE-KLA-03271] c11 N69-24321
[NASA-CASE-NPO-11140] c15 N72-17455	KRMP, B. P. Method and apparatus for measuring potentials in
KAUPMAN, H. R.	plasmas Patent
Ion thrustor cathode [NASA-CASE-XLE-07087] c06 N69-39889	[NASA-CASE-XLE-00821] c25 N71-15650
Ion rocket Patent	Apparatus for field strength measurement of a space vehicle Patent
[ NASA-CASE-XLE-00376] c28 N70-37245 Electrostatic ion engine having a permanent	[NASA-CASE-XLE-00820] c14 N71-16014
magnetic circuit Patent	REMP, R. H.
[NASA-CASE-XLE-01124] C28 N71-14043	Thin-walled pressure vessel Patent [NASA-CASE-XLE-04677] c15 N71-10577
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Ion beam deflector Patent	Conically shaped cavity radiometer with a dual
[NASA-CASE-LEW-10689-1] C28 H71-26173	purpose cone winding Patent [NASA-CASE-INP-09701] c14 N71-26475
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[NASA-CASE-MFS-20916] c14 N73-25460	(NASA-CASE-NPO-10810) c14 N71-27323
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Method of making a cermet Patent	[NASA-CASE-HPS-14741] c09 H70-20737
[NASA-CASE-LEW-10219-1] C18 N/1-20/29 KAZOKAS, G. P.,	Filter system for control of outgas
Vacuum leak detector	contamination in vacuum Patent
[NASA-CASE-LAR-11237-1] c14 N73-32344	[NASA-CASE-MF5-14711] C15 N71-26185 Method of making shielded flat cable Patent
Transmitting and reflecting diffuser	[NASA-CASE-MPS-13687] C09 N/1-28691
[NASA-CASE-LAR-10385-3] C23 N/3-32538	Shielded flat cable
Transmitting and reflecting diffuser	[NASA-CASE-NFS-13687-2] CO9 N72-22198 Polyimide resin-fiberglass cloth laminates for
[NASA-CASE-LAR-10385-2] C23 N74-13436 KEARNS, H. J.	printed circuit boards
Mount for thermal control system Patent	[NASA-CASE-MFS-20408] c18 N73-12604 Integrated circuit package with lead structure
[NASA-CASE-NPO-10138]	and method of preparing the same
Energy absorbing structure Patent Application	[NASA-CASE-MFS-21374-1] c10 N74-12951
[NASA-CASE-MSC-12279-1] C15 N7Q-35679	KENNEWAY, A. J., III Space suit
Low onset rate energy absorber [NASA-CASE-MSC-12279] c15 N72-17450	[NASA-CASE-NSC-12609-1] c05 N73-32012
KRATING. J. C.	RBNT, We De
Method and apparatus for attaching physiological	An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] c05 N74-17858
monitoring electrodes Patent [NASA-CASE-XFR-07658-1] c05 N71-26293	Kenyon, G. C.
KREPER, J. H.	Flight craft Patent [NASA-CASE-XAC-02058] c02 N71-16087
Phonocardiogram simulator Patent (Nasa-CASE-XKS-10804] C05 N71-24606	KRPLER C. B.
[NASA-CASE-XRS-10804] CO5 N/1-24606 KERNE, W. H.	Tertiary flow injection thrust vectoring system
Clear air turbulence detector	Patent [NASA-CASE-MFS-20831] c28 N71-29153
[NASA-CASE-MFS-21244-1] G20 N73-21523	KERLEY. J. J. JR.
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[NASA-CASE-XLA-00898] c02 N70-36804	[ NASA-CASE-GSC-11302-1] c14 N73-13416 KERN, C. V.
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Space capsule Patent	[NASA-CASE-MFS-20400] c31 N71-18611
[NASA-CASE-XLA-00149]	KERH, J. D. D. Hagnetic recording head and method of making
Space capsule Patent { NASA-CASE-XLA-01332 }	same Patent
KELBAUGH, Bo No	[NASA-CASE-GSC-10097-1] c08 N71-27210
Automatic instrument for chemical processing to	Inherent redundacy electric heater
detect microorganism in biological samples by measuring light reactions	[NASA-CASE-MFS-21462-1] CO9 N74-14935
[NASA-CAŠE-GŠC-11169-2] c05 N73-32011	<pre>KEBSBY, B. D., JR. Angular displacement indicating gas bearing</pre>
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KELLER, O. F.	KERSLAKE, Wa Ra
Pressure regulating system Patent [NASA-CASE-INP-00450] c15 N70-38603	Ion thrustor cathode [NASA-CASE-XLE-07087] c06 N69-39889
KELLEY, J. R.	Riectronic cathode having a brush-like structure
Mechanical stability augmentation system Patent	and a relatively thick oxide emissive coating Patent
[NASA-CASE-XLA-06339]	[NASA-CASE-XLE-04501] c09 N71-23190
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[NASA-CASE-XAC-04458] c14 N71-24232	Nonmagnetic thermal motor for a magnetometer [NASA-CASE-XAR-03786] c09 N69-21313
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Active RC networks	[NASA-CASE-NPO-12107] c08 N71-27255
[NASA-CASE-ARC-10042-2] c10 N72-11256	KINNAHD, K. P.
RC metworks and amplifiers employing the same [NASA-CASE-XAC-05462-2] c10 N72-17171	Laser Doppler system for measuring three
[NASA-CASE-MAC-05462-2] c10 N72-17171 Active RC networks	dimensional vector velocity Patent
[NASA-CASE-ARC-10020] C10 N72-17172	[NASA-CASE-MFS-20386] c21 N71-19212
Inductanceless filter amplifier	KINSEL, R. C.
[NASA-CASE-XAC-05462] CO9 N72-20209	Signal multiplexer [NASA-CASE-XGS-01110] c07 N69-24334
Multiloop RC active filter apparatus having low	[NASA-CASE-XGS-01110] c07 N69-24334 KINZLBR, J. A.
parameter sensitivity with low amplifier gain	Emergency escape system Patent .
[ NASA-CASE-ARC-10192 ] CO9 N72-21245	[NASA-CASE-MSC-12086-1] c05 N71-12345
KESSEL, J. E.	KIRCHHAN, B. J.
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[NASA-CASE-XMS-06949] c09 N69-21467	[NASA-CASE-XLA-00492] c14 N70-34799
REY, C. P.	KIS, G.
Nonflammable coating compositions	Optical alignment system Patent
[NASA-CASE-MFS-20486-2] c18 N74-17283 KEINTON, R. J.	[NASA-CASE-XNP-02029] c14 N70-41955
Technique for control of free-flight rocket	KISSELL, R. R.
vehicles Patent	Ratemeter
[NASA-CASE-XLA-00937] c31 N71-17691	[NASA-CASE-MPS-20418] c14 N73-24473
KIBBE, R. K.	KISZKO, H.
Load cell protection device Patent	Portable superclean air column device Patent [NASA-CASE-INF-03212] c15 N71-22721
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KIEPER, P. J., JR.	Cryogenic connector for vacuum use Patent
Thermal conductive connection and method of	[NASA-CASE-XGS-02441] c15 N70-41629
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[NASA-CASE-INS-02087] c09 N70-41717	Nickel aluminide coated low alloy stainless steel
RIRIN, G. B.	[NASA-CASE-LEH-11267-1] c17 N73-32414
Multiducted electromagnetic pump Patent	KLRIN, E. L.
[NASA-CASE-NPO-10755] c15 N71-27084 Shell side liquid metal boiler	Apparatus for inspecting microfilm Patent
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[NASA-CASE-NPO-10831] c33 N72-20915	KLRIN, H. G.
Clamping assembly for inertial components Patent	Electrolytically regenerative hydrogen-oxygen
[NASA-CASE-IMS-02184] c15 N71-20813	fuel cell Patent
RIB, Co	[NASA-CASE-XLE-04526] c03 N71-11052 KLEINBERG, L. L.
Arterial pulse wave pressure transducer	Stable amplifier having a stable quiescent point
[NASA-CASE-GSC-11531-1] c05 N73-11097	Patent
RIH, Ha Ra	[NASA-CASE-XGS-02812] c09 N71-19466
A multichannel photoionization chamber for	Complementary regenerative switch Patent
absorption analysis Patent	[NASA-CASE-XGS-02751] c09.N71-23015
[NASA-CASE-ERC-10044-1] c14 N71-27090	Monostable multivibrator
Apparatus for remote handling of materials	[ NASA-CASE-GSC-10082-1] c10 N72-20221
	Active tuned circuit
[NASA-CASE-LAR-10634-1] c15 N74-18123 RINARD, H. H.	[NASA-CASE-GSC-11340-1] c10 N72-33230
Particle detection apparatus Patent	Ultra-stable oscillator with complementary
[NASA-CASE-XLA-00135] c14 N70-33322	transistors
Gas actuated bolt disconnect Patent	[NASA-CASE-GSC-11513-1] CO9 N74-20862 RLEINROCK, L.
[NASA-CASE-XLA-00326] c03 N70-34667	Data compression system
Ricrometeoroid velocity measuring device Patent	[NASA-CASE-XNP-09785] c08 N69-21928
[NASA-CASE-XLA-00495] c14 N70-41332	Method and apparatus for data compression by a
Ricrometeoroid penetration measuring device Patent	decreasing slope threshold test
[NASA-CASE-XLA-00941] c14 N71-23240	[NASA-CASE-NPO-10769] c08 N72-11171
Deployable pressurized cell structure for a	KLIHA, S. J.
micrometeoroid detector	High temperature cobalt-base alloy Patent
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MINBLL, D. R. Improved four phase logic systems	RLINE, A. J., JR.
[NASA-CASE-MSC-14240-1] c10 N73-21240	Automatic frequency discriminators and control
KING, C. B.	for a phase-lock loop providing frequency
Method of obtaining permanent record of surface	preset capabilities Patent
flow phenomena Patent	[NASA-CASE-YMF-08665] c10 N71-19467
[NASA-CASE-XLA-01353] c14 N70-41366	Capacitance multiplier and filter synthesizing network
Method and apparatus for bonding a plastics	f V1 G1 G1
sleeve onto a metallic body Patent	[NASA-CASE-NPO-11948-1] c10 N73-15255 RLIHGHAN, R. B., III
[NASA-CASE-ILA-01262] c15 N71-21404	Electronic optical transfer function analyzer
Dielectric molding apparatus Patent	[NASA-CASE-MFS-21672-1] c23 N73-22630
[NASA-CASE-LAR-10121-1] c15 N71-26721	Apparatus for calibrating an image dissector tube
KING, H. J.	[NASA=CASE=MFS=22208=1] c14 N74=18100
Gas regulator Patent	KLISCH, J. A.
[NASA-CASE-NPO-10298] c12 N71-17661	Combustion products generating and metering device
RING, E. H.	LNASA-CASE-GSC-11095-11 c14 N72-10375
Hethod of making impurity-type semiconductor electrical contacts Patent	KHADER, H_
[NASA-CASE-XHF-01016] c26 N71-17818	Ion thruster
KING, R. 8.	[NASA-CASE-LEH-10770-1] c28 N72-22770
Preparation of high purity copper fluoride	INECRIEL, E. D.
[NASA-CASE-LEH-10794-1] c06 N72-17093	Two force component measuring device Patent [NASA-CASE-XAC-04886-1] c14 N71-20439
KIDG, R. P.	Ploating two force component measuring device
Anthropomorphic master/slave manipulator system	Patent
[NASA-CASE-ARC-10756-1] c15 N74-16139	[NASA-CASE-YAC-04885] c14 N71-23790
RING, R. C.	KBOOS, S. P.
Nethod and apparatus for making a heat	Shock tube bypass piston tunnel
insulating and ablative structure Patent	[NASA-CASE-NPO-12109] c11 N72-22245
[NASA-CASE-XMS-02009] c33 x71-20834	

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ROBAYASHI, H. S. Pulse code modulated signal synchronizer	Power supply Patent [NASA-CASE-XMS-02159] c10 N71-22961
[NASA-CASE-MSC-12462-1] c07 N74-20809 [NASA-CASE-MSC-12462-1] Pulse code modulated signal synchronizer	RRAUSE, F. E. Passive optical wind and turbulence detection
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KOCE, E. F. Expulsion bladder-equipped storage tank	KRAUSE, I. A. Satellite interlace synchronization system
structure Patent	[NASA-CASE-GSC-10390-1] CU/ N/2-11149
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AVCE A M	determination of a high temperature laminar flow gas stream Patent
CRT blanking and brightness control circuit [NASA-CASE-KSC-10647-1] c10 N72-31273	[NASA-CASE-XLE-00266] C14 N70-34156 Sensing probe
KOCZELA, L. J.	[NASA-CASE-LEW-10281-1] C14 N72-17327
[NASA-CASE-MSC-13932-1]	KRAUSE, S. J.  Method and device for determining battery state
KODIS, Ra Da Clear air turbulence detector	of charge Patent [NASA-CASE-NPO-1Q194] CO3 N71-20407
KOLBIA- B- B-	KRAUSHAAR, W. L. Coaxial anode wire for gas radiation counters
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[NASA-CASE-NPO-11064] CO/N/2-11150	electrical signals with reference to a high common mode potential
KOLOBOFF, G. J. Amplitude steered array	[NASA-CASE-XLE-03155-2] C09 N72-20205
[NASA-CASE-GSC-11446-1] CO9 N74-20860  KOLSTER, H. H.	Inflation system for balloon type satellites
Radiator deployment actuator Patent [NASA-CASE-MSC-11817-1] c15 N71-26611	Patent [NASA-CASE-XGS-03351] c31 N71-16081
EURDE COR C	KRIEVE, W: F. High-voltage cable Patent
Rate augmented digital to analog converter Patent [NASA-CASE-XLA-07828] COB N71-27057	[NASA-CASE-XNP-00738] C09 N70-38201 KROPP, C. J.
ROPETSKI, F. J. Ring counter	Determination of spot weld quality Patent
[NASA-CASE-XGS-03095] c09 N09-27463	KRSEK, A., JR.
ROPIA, L. P. Transmitting and reflecting diffuser  FUNCA-CASE-14R-10385-31  C23 N73-32538	Optical torquemeter Patent [NASA-CASE-XLE-00503] c14 N70-34818
Transmitting and reflecting diffuser	KRUPNICK, A. C. Nethod for detecting hydrogen gas
[NASA-CASE-LAR-10385-2] C23 N74-13436 KORABOWSKI, J. J.	[NASA-CASE-XMF-03873] c06 N69-39733 Inorganic thermal control coatings
Pressure garment joint Patent [NASA-CASE-XMS-09636] c05 N71-12344	[NASA-CASE-MFS-20011] C18 N/2-22566
Method of forming a root cord restrained convolute section	Nonflammable coating compositions [NASA-CASE-MFS-20486-2] c18 N74-17283
[NASA-CASE-MSC-12398] COS N72-20098	KUBICA, A. J.  Decomposition unit Patent
ROEDES, E. E. High intensity heat and light unit Patent	[NASA-CASE-XMS-00583] C28 N70-38304
[NASA-CASE-XLA-00141] c09 N70-33312 KORVIN, W-	Signal path series step biased multidevice high efficiency amplifier Patent
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Tracking antenna system Patent [NASA-CASE-GSC-10553-1] c07 N71-19854	Power responsive overload sensing circuit Patent [NASA-CASE-GSC-10667-1] c10 N71-33129
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[NASA-CASE-XGS-06306] C17 N71-16044 KOZIOL, J. S., JR.	[NASA-CASE-MPS-22022-1] C05 N/4-10099
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by high-velocity exhaust jets Patent	Universal restrainer and joint Patent [NASA-CASE-XNP-02278] c15 N71-28951
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KURAL, H. H.	Folding apparatus Patent
Strain arrestor plate	[NASA-CASE-XLA-00137] c15 N70-33180
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Short range laser obstacle detector	[NASA-CASE-XLA-00138] c31 N70-37981 LANG, R.
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KURTZ, R. L.	Patent
Hybrid holographic system using reflected and	[NASA-CASE-XMS-09652-1] c05 N71-26333
transmitted object beams simultaneously Patent [NASA-CASE-MFS-20074] c16 N71-15565	LANGE, O. H.
Multiple image storing system for high speed	Continuous detonation reaction engine Patent [NASA-CASE-XMF-06926] c28 N71-22983
projectile holography	[NASA-CASE-XMF-06926] C28 N71-22983
[NASA-CASE-MFS-20596] c14 N72-17324	Quadrupole mass filter with means to generate a
Edlographic system for nondestructive testing [NASA-CASE-MFS-21704-1] c16 N73-30478	noise spectrum exclusive of the resonant
[NASA-CASE-NFS-21704-1] c16 N73-30478 Real time moving scene holographic camera system	frequency of the desired ions to deflect
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[NASA-CASE-GSC-11182-1] c31 N73-32769 KURYLO, H. J., III	the angular position of a rotating mirror
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LA VIGNA, T. A.  Buck boost voltage regulation circuit Patent	[NASA-CASE-MSC-14273-1] c12 N73-28179
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[NASA-CASE-MFS-12750] c27 N71-16223 Method and apparatus for checking the stability	[NASA-CASE-XNP-00294] c21 N70-36938
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[NASA-CASE-MFS-21455-1] c16 N74-15146	[NASA-CASE-XNP-00476] c15 N70-38620
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method of preparing the same [NASA-CASE-MPS-21077] c18 N71-34502	[NASA-CASE-MFS-11133] c31 N71-16222
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[NASA-CASE-NFS-20482] c15 N72-22492	Irradiance measuring device [NASA-CASE-NPO-11493] c14 N73-12447
LAIME, D. D.	[ NASA-CASE-NPO-11493 ] c14 N73-12447.
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Patent	[NASA-CASE-GSC-10087-2] c21 N71-13958 Position location and data collection system and
[NASA-CASE-XGS-02011] c15 N71-20739	method Patent
[NASA-CASE-XGS-02011] c15 x71-20739 LANDAUBE, P. P.	NASA-CASE-GSC-10083-13 G30 N71-16090
[NASA-CASE-XGS-02011] c15 x71-20739 LANDAUBE, F. P. Beans for generating a sync signal in an FM	method Patent [NASA-CASE-GSC-10083-1] c30 N71-16090 Traffic control system and method patent
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[NASA-CASE-XGS-02011] c15 N71-20739 LANDAURR, P. P. Beans for generating a sync signal in an FM communication system Patent [NASA-CASE-XNP-10830] c07 N71-11281 LANDRL, R. F.	method Patent [NASA-CASE-GSC-10083-1] c30 N71-16090 Traffic control system and method Patent [NASA-CASE-GSC-10087-1] c02 N71-19287 Diversity receiving system with diversity phase
[NASA-CASE-XGS-02011] c15 N71-20739 LANDAURR, P. P.  Beans for generating a sync signal in an FM communication system Patent [NASA-CASE-XNP-10830] c07 N71-11281 LANDRL, R. F.  Method for controlling vapor content of a gas	method Patent  [NASA-CASE-GSC-10083-1] c30 N71-16090  Traffic control system and method Patent  [NASA-CASE-GSC-10087-1] c02 N71-19287  Diversity receiving system with diversity phase lock Patent
[NASA-CASE-NGS-02011] c15 N71-20739  LANDAURE, F. P.  Beans for generating a sync signal in an FM communication system Patent [NASA-CASE-NNP-10830] c07 N71-11281  LANDBL, R. F.  Method for controlling vapor content of a gas [NASA-CASE-NPO-10633] c03 N72-28025	method Patent  [NASA-CASE-GSC-10083-1]
[NASA-CASE-NGS-02011] c15 N71-20739  LANDAURE, F. P.  Beans for generating a sync signal in an FM communication system Patent [NASA-CASE-NNF-10830] c07 N71-11281  LANDRL, R. F.  Method for controlling vapor content of a gas [NASA-CASE-NFO-10633] c03 N72-28025  Parallel-plate visconeter with double diaphragm	method Patent [NASA-CASE-GSC-10083-1] c30 N71-16090 Traffic control system and method Patent [NASA-CASE-GSC-10087-1] c02 N71-19287 Diversity receiving system with diversity phase lock Patent [NASA-CASE-XGS-01222] c10 N71-20841 Position location system and method [NASA-CASE-GSC-10087-3]
[NASA-CASE-NGS-02011] c15 N71-20739 LANDAURE, F. P.  Beans for generating a sync signal in an FM communication system Patent [NASA-CASE-XNP-10830] c07 N71-11281 LANDRL, R. F.  Bethod for controlling vapor content of a gas [NASA-CASE-NPO-10633] c03 N72-28025 Parallel-plate visconeter with double diaphragm suspension	method Patent [NASA-CASE-GSC-10083-1] c30 N71-16090 Traffic control system and method Patent [NASA-CASE-GSC-10087-1] c02 N71-19287 Diversity receiving system with diversity phase lock Patent [NASA-CASE-XGS-01222] c10 N71-20841 Position location system and method [NASA-CASE-GSC-10087-3] c07 N72-12080 Doppler compensation by shifting transmitted
[NASA-CASE-NGS-02011] c15 N71-20739  LANDAURE, R. P.  Beans for generating a sync signal in an FM communication system Patent [NASA-CASE-NFP-10830] c07 N71-11281  LANDRL, R. F.  Method for controlling vapor content of a gas [NASA-CASE-NFO-10633] c03 N72-28025  Parallel-plate viscometer with double diaphragm suspension [NASA-CASE-NFO-11387] c14 N73-14429  Preparation of alkali metal dispersions	method Patent [NASA-CASE-GSC-10083-1] c30 N71-16090 Traffic control system and method Patent [NASA-CASE-GSC-10087-1] c02 N71-19287 Diversity receiving system with diversity phase lock Patent [NASA-CASE-XGS-01222] c10 N71-20841 Position location system and method [NASA-CASE-GSC-10087-3] c07 N72-12080 Doppler compensation by shifting transmitted object frequency within limits
[NASA-CASE-NGS-02011] c15 N71-20739  LANDAURE, R. P.  Beans for generating a sync signal in an FM communication system Patent [NASA-CASE-NNF-10830] c07 N71-11281  LANDAEL, R. F.  Method for controlling vapor content of a gas [NASA-CASE-NFO-10633] c03 N72-28025  Parallel-plate viscometer with double diaphragm suspension [NASA-CASE-NPO-11387] c14 N73-14429  Preparation of alkali metal dispersions [NASA-CASE-NNF-08876] c17 N73-28573	method Patent  [NASA-CASE-GSC-10083-1]
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[NASA-CASE-NGS-02011] c15 N71-20739  LANDAURR, R. P.  Beans for generating a sync signal in an FM communication system Patent [NASA-CASE-NPP-10830] c07 N71-11281  LANDRL, R. P.  Bethod for controlling vapor content of a gas [NASA-CASE-NPO-10633] c03 N72-28025  Parallel-plate viscometer with double diaphragm suspension [NASA-CASE-NPO-11387] c14 N73-14429  Preparation of alkali metal dispersions [NASA-CASE-NNF-08876] c17 N73-28573  LANDES, E. S.  Active microwave irises and windows	method Patent  [NASA-CASE-GSC-10083-1]
[NASA-CASE-XGS-02011] c15 N71-20739  LANDAURE, F. P.  Beans for generating a sync signal in an FM communication system Patent [NASA-CASE-XNP-10830] c07 N71-11281  LANDRL, R. F.  Method for controlling vapor content of a gas [NASA-CASE-NPO-10633] c03 N72-28025 Parallel-plate viscometer with double diaphragm suspension [NASA-CASE-NPO-11387] c14 N73-14429 Preparation of alkali metal dispersions [NASA-CASE-XNP-08876] c17 N73-28573	method Patent  [NASA-CASE-GSC-10083-1]  Traffic control system and method Patent  [NASA-CASE-GSC-10087-1]  Diversity receiving system with diversity phase lock Patent  [NASA-CASE-XGS-01222]  Position location system and method  [NASA-CASE-GSC-10087-3]  Doppler compensation by shifting transmitted object frequency within limits  [NASA-CASE-GSC-10087-4]  LAURENCE, J. C.  Hethod of fabricating a twisted composite superconductor  [NASA-CASE-LEN-11015]  C30 N71-16090  A71-16090  A72-12080  B71-16090  A71-16090  A71-1
[NASA-CASE-XGS-02011] C15 N71-20739  LABDAUBER, P. P. P.  Heans for generating a sync signal in an FM communication system Patent [NASA-CASE-XNP-10830] C07 N71-11281  LABDBL, E. P.  Hethod for controlling vapor content of a gas [NASA-CASE-NPO-10633] C03 N72-28025  Parallel-plate viscometer with double diaphragm suspension [NASA-CASE-NPO-11387] C14 N73-14429  Preparation of alkali metal dispersions [NASA-CASE-XNP-08876] C17 N73-28573  LANDES, E. S.  Active microwave irises and windows [NASA-CASE-LAR-10513-1] C07 N72-25170  Thin film microwave iris [NASA-CASE-LAR-10511-1] C09 N72-29172	method Patent  [NASA-CASE-GSC-10083-1]
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[NASA-CASE-NGS-02011] c15 N71-20739  LANDAURR, R. P.  Beans for generating a sync signal in an FM communication system Patent [NASA-CASE-NNP-10830] c07 N71-11281  LANDAL, R. F.  Method for controlling vapor content of a gas [NASA-CASE-NPO-10633] c03 N72-28025  Parallel-plate viscometer with double diaphragm suspension [NASA-CASE-NPO-11387] c14 N73-14429  Preparation of alkali metal dispersions [NASA-CASE-NPO-8876] c17 N73-28573  LANDAS, R. S.  Active microwave irises and windows [NASA-CASE-LAR-10513-1] c07 N72-25170  Thin film microwave iris [NASA-CASE-LAR-10511-1] c09 N72-29172  LANE, J. B.  Hide range dynamic pressure sensor	Method Patent  [NASA-CASE-GSC-10083-1]  Traffic control system and method Patent  [NASA-CASE-GSC-10087-1]  Diversity receiving system with diversity phase lock Patent  [NASA-CASE-XGS-01222]  Position location system and method  [NASA-CASE-XGS-01222]  Doppler compensation by shifting transmitted object frequency within limits  [NASA-CASE-GSC-10087-4]  LAURENCE, J. C.  Hethod of fabricating a twisted composite superconductor  [NASA-CASE-LEH-11015]  LAURING, R. O.  Adjustable mount for a trihedral mirror patent  [NASA-CASE-XNP-08907]  LAVERSTEIN, H. L.
[NASA-CASE-NGS-02011] c15 N71-20739  LANDAURE, R. P.  Beans for generating a sync signal in an FM communication system Patent [NASA-CASE-NPF-10830] c07 N71-11281  LANDAEL, R. F.  Method for controlling vapor content of a gas [NASA-CASE-NPO-10633] c03 N72-28025  Parallel-plate viscometer with double diaphragm suspension [NASA-CASE-NPO-11387] c14 N73-14429  Preparation of alkali metal dispersions [NASA-CASE-NPF-08876] c17 N73-28573  ANDRS, R. S.  Active microwave irises and windows [NASA-CASE-LAR-10513-1] c07 N72-25170  Thin film microwave iris [NASA-CASE-LAR-10511-1] c09 N72-29172  LANE, J. H.  Hide range dynamic pressure sensor [NASA-CASE-ARC-10263-1] c14 N72-22438	method Patent [NASA-CASE-GSC-10083-1] c30 N71-16090 Traffic control system and method Patent [NASA-CASE-GSC-10087-1] c02 N71-19287 Diversity receiving system with diversity phase lock Patent [NASA-CASE-XGS-01222] c10 N71-20841 Position location system and method [NASA-CASE-XGS-01287-3] c07 N72-12080 Doppler compensation by shifting transmitted object frequency within limits [NASA-CASE-GSC-10087-4] c07 N73-20174  LAURENCE, J. C. Hethod of fabricating a twisted composite superconductor [NASA-CASE-LEN-11015] c26 N73-32571  LAURIE, R. O. Adjustable mount for a trihedral mirror Patent [NASA-CASE-XNP-06907] c23 N71-29123  LAVERSTEIN, H. L. Telemetry processor
[NASA-CASE-XGS-02011]  CAMBOURE, R. P.  Beans for generating a sync signal in an FM communication system Patent [NASA-CASE-XNP-10830]  COT N71-11281  LAMBURL, R. P.  Method for controlling vapor content of a gas [NASA-CASE-NPO-10633]  Parallel-plate viscometer with double diaphragm suspension [NASA-CASE-NPO-11387]  Preparation of alkali metal dispersions [NASA-CASE-XNF-08876]  ACTIVE DICTORAGE (NASA-CASE-XNF-08876]  Thin film microwave irises and windows [NASA-CASE-LAR-10513-1]  Thin film microwave irise [NASA-CASE-LAR-10511-1]  LAMBE, J. H.  Hide range dynamic pressure sensor [NASA-CASE-ARC-10263-1]  C14 N72-22438  LAMBEY, C. C. JR.	Method Patent  [NASA-CASE-GSC-10083-1]  Traffic control system and method Patent  [NASA-CASE-GSC-10087-1]  Diversity receiving system with diversity phase lock Patent  [NASA-CASE-XGS-01222]  Position location system and method  [NASA-CASE-XGS-01222]  Doppler conpensation by shifting transmitted object frequency within limits  [NASA-CASE-GSC-10087-4]  LAURENCE, J. C.  Hethod of fabricating a twisted composite superconductor  [NASA-CASE-LEN-11015]  LAURIE, R. O.  Adjustable mount for a trihedral mirror Patent  [NASA-CASE-XNP-08907]  LAVERSTEIN, H. L.  Telemetry processor  [NASA-CASE-GSC-11388-1]  CO7 N73-24187
[NASA-CASE-NGS-02011] CANDAURE, R. P. Beans for generating a sync signal in an FM communication system Patent [NASA-CASE-NNP-10830] CO7 N71-11281 LABDRL, R. P. Method for controlling vapor content of a gas [NASA-CASE-NPO-10633] CO3 N72-28025 Parallel-plate viscometer with double diaphragm suspension [NASA-CASE-NPO-11387] Preparation of alkali metal dispersions [NASA-CASE-NPO-8876] C17 N73-28573 LADDRS, R. S. Active microwave irises and windows [NASA-CASE-LAR-10513-1] Thin film microwave iris [NASA-CASE-LAR-10511-1] CO9 N72-25170 Thin film microwave iris [NASA-CASE-LAR-10511-1] CO9 N72-29172 LANE, J. B. Hide range dynamic pressure sensor [NASA-CASE-ARC-10263-1] C14 N72-22438 LANEY, C. C., JR. Hicrometeoroid velocity measuring device Patent [NASA-CASE-XLA-00495] C14 N70-41332	method Patent  [NASA-CASE-GSC-10083-1]
[NASA-CASE-XGS-02011]  CARDAUBER, R. P.  Beans for generating a sync signal in an FM communication system Patent [NASA-CASE-XNP-10830]  CO7 N71-11281  LANDBL, R. P.  Bethod for controlling vapor content of a gas [NASA-CASE-NPO-10633]  Parallel-plate viscometer with double diaphragm suspension [NASA-CASE-NPO-11387]  Preparation of alkali metal dispersions [NASA-CASE-NPO-11387]  Preparation of alkali metal dispersions [NASA-CASE-XNP-08876]  C17 N73-28573  ANDES, R. S.  Active microwave irises and windows [NASA-CASE-LAR-10513-1]  Thin film microwave iris [NASA-CASE-LAR-10511-1]  CO7 N72-25170  Thin film microwave iris [NASA-CASE-LAR-10511-1]  CO9 N72-29172  ANES, J. B.  Hide range dynamic pressure sensor [NASA-CASE-LAR-10263-1]  C14 N72-22438  ANEY, C. C., JR.  Hicrometeoroid velocity measuring device Patent [NASA-CASE-XLA-00495]  Micrometeoroid penetration measuring device Patent	Method Patent  [NASA-CASE-GSC-10083-1]  Traffic control system and method Patent  [NASA-CASE-GSC-10087-1]  Diversity receiving system with diversity phase lock Patent  [NASA-CASE-XGS-01222]  Position location system and method  [NASA-CASE-XGS-01222]  Doppler compensation by shifting transmitted object frequency within limits  [NASA-CASE-GSC-10087-4]  LAURENCE, J. C.  Hethod of fabricating a twisted composite superconductor  [NASA-CASE-LEH-11015]  LAURIER, R. O.  Adjustable mount for a trihedral mirror patent  [NASA-CASE-XNP-08907]  LAVERSTEIN, H. L.  Telemetry processor  [NASA-CASE-GSC-11388-1]  LAVIGNE, R. C.  Position location and data collection system and method Patent
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Active vibration isolator for flexible bodies	gravitationally sensitive Cavity reflector
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three-axes systems Patent [NASA-CASE-XMF-00684] c21 N71-21688	direction Patent
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[NASA-CASE-ARC-10105] c09 N72-17153	Atomic hydrogen maser with bulb temperature
Bio-isolated dc operational amplifier [NASA-CASE-ARC-10596-1] c09 N72-27233	control to remove wall shift in maser output frequency
Metallic intrusion detector system	[NASA-CASE-HUN-10654-1] c16 N73-13489
[NASA-CASE-ARC-10265-1] c10 N72-28240	Tunable cavity resonator with ramp shaped supports
Intruder detection system	[NASA-CASE-NQN-10790-1] c16 N74-11313
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Bigh efficiency multifrequency feed	current load
[NASA-CASE-GSC-113173] c09 N74-20863	[NASA-CASE-NPO-11023] C09 N72-17155
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[NASA-CASE-ERC-10013] c09 N71-26678	Thermomagnetic recording and magneto-optic
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Flexibly connected support and skin Fatent	[NASA-CASE-NPO-11432-2] c14 N74-15090
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Flexible sing deployment device Pa [NASA-CASE-XLA-01220] LIBBY, J. N.	c02 N70-41863	LIPKE, D. H. Doppler frequency spread correction	device for
Ultra-long monostable multivibrator	employing	<pre>multiplex transmissions [NASA-CASE-XGS-02749]</pre>	c07 N69-39978
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Reversible ring counter employing of	c09 N70-34819 cascaded	Patent [NASA-CASE-XMS-07168]	c07 N71-11300
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Voltage to frequency converter Paten	t c10 N71-25882	Variable-span aircraft Patent [NASA-CASE-XLA-00166]	c02 N70-34178
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LONG, H. R.		predetermined speed utilizing digi means Patent	tal feedback
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LOOSE, J. D. Steady state thermal radiometer	41: 453 40155	Low loss dichroic plate	c07 N74-11000
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[MASA-CASE-NPO-11322] LOBELL, K. B.	c06 N72-25146	[NASA-CASE-NLE-10326-2] High speed, self-acting shaft seal	c15 N72-29488
<pre>High temperature lens construction   [NASA-CASE-XNP-04111]</pre>	Patent c14 R71-15622	[NASA-CASE-LEW-11274-1] Spiral groove seal	c15 N73-29457
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LOUGHEAD, A. G. Linear differential pressure sensor	•	Patent Application [NASA-CASE-NPO-11138]	c03 N70-34646
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[NASA-CASE-XLA-08491] LOVALL, D. D.	c05 N69-21380	Multiple fan integrated propulsion ( [NASA-CASE-LEW-11224-1]	c02 N72-10033
Electric field measuring and display [NASA-CASE-KSC-10731-1]	system c14 u73-10461	LUND, W. C. Heated porous plug microthrustor	
LOVELOCK, J. B.	C14 B73 70407	[ NASA-CASE-GSC-10640-1]	c28 N72-18766
Atmospheric sampling devices [WASA-CASE-WPO-11373]	c13 N72-25323	Preparation of high purity copper fi	Luoride
LOVINGER, D. N. Voice operated controller Patent		[NASA-CASE-LEW-10794-1] LUSBY, T. K., JR.	c06 N72-17093
[NASA-CASE-ILA-04063] LOW, C. A., JR.	c31 N71-33160	Recording apparatus [NASA-CASE-LAR-11353-1]	c14 N74-20020
Electrostatic propulsion system with	a direct	LUSHBAUGH, W. A.	
nuclear electrogenerator Patent [HASA-CASE-XLE-00818]	c22 N70-34248	Data compression system [MASA-CASE-XNP-09785]	c08 N69-219 ²⁸

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Data conpressor Patent	Redundant actuating mechanism Patent
[ NASA-CASE-INP-04067 ] C08 N71-22707	[ WASA-CASE-IGS-08718 ] C15 #71-24600
Brror correcting method and apparatus Patent	MADISOU, I. B.
[RASA-CASB-XNP-02748] c08 N71-22749	Aerodynanic spike nozzle Patent
Comparator for the comparison of two binary numbers Patent	[NASA-CASE-XGS-01143] c31 n71-15647
[NASA-CASE-XNP-04819] c08 N71-23295	MADDEE, B.
Parallel generation of the check bits of a PN	Apparatus and method for skin packaging articles
sequence Patent	[MASA-CASE-HPS-20855] c15 N73-27405
[NASA-CASE-INP-04623] c10 N71-26103	
Versatile arithmetic unit for high speed	Device for preventing high voltage arcing in electron beam welding Patent
sequential decoder	[NASA-CASE-IMF-08522] c15 N71-19486
[NASA-CASE-NPO-11371] c08 N73-12177	MAIDEN, D. L.
Luces, C. P., Jr.	Plow velocity and directional instrument
Broadband stable power multiplier Patent	[ NASA-CASE-LAR-10855-1 ] c14 N73-13415
[#ASA-CASE-XMP-10854] c10 M71-26331	HAILLOUX, R. J.
Cascaded complementary pair broadband transistor	Array phasing device Patent
amplifiers Patent	[NASA-CASE-ERC-10046] c10 H71-18722
[NASA-CASE-NPO-10003] c10 N71-26415	Circularly polarized antenna
Low phase noise digital frequency divider	[ MASA-CASE-ERC-10214 ] c09 #72-31235
[MASA-CASE-MPO-11569] c10 M73-26229	Phase control circuits using frequency
LOTZ, E. B.	nultiplications for phased array antennas
Operational integrator Patent	[NASA-CASE-ERC-10285] c10 N73-16206
[MASA-CASE-NPO-10230] c09 N71-12520 LYLAND, J. B.	DAJOR, C. J.
Versatile arithmetic unit for high speed	Mixture separation cell Patent
sequential decoder	[NASA-CASE-XES-02952] c18 N71-20742
F W1 = 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	DALLING, L. B.
[#ASA-CASE-#PO-11371] c08 #73-12177	Digital television camera control system Patent
Three-axis adjustable loading structure	[NASA-CASE-XNP-01472] c14 H70-41807
	Beduced bandwidth wideo communication system
[ NASA-CASE-FEC-10051-1 ] C14 N74-13129 LYDCH, T. L.	utilizing sampling techniques Patent
Pulsed excitation voltage circuit for transducers	[NASA-CASE-XNP-02791] C07 N71-23026
[NASA-CASE-PRC-10036] c09 H72-22200	HALHBERG, J. H.
LYOU, E. E.	Baveform simulator Patent [NASA-CASE-NPO-10251] c10 N71-27365
Optical range finder having nonoverlapping	[NASA-CASE-NPO-10251] c10 N71-27365 HALONE, L. B.
complete images	Beergency lunar communications system
[ WASA-CASE-BSC-12105-1 ] c14 N72-21409	(NASA-CASE-HFS-21042) c07 N72-25171
	HADATT, S. L.
₩A	Audio frequency marker system
	[NASA-CASE-NPO-11147] c14 H72-27408
DACCOHOCHIE, I. O.	HADCIDELLI B. R.
Excessive temperature warning system Patent	Telemetry processor
[MASA-CASE-XLA-01926] c14 N71-15620	[WASA-CASE-GSC-11388-1] c07 M73-24187
HACFADDED, J. A.	HANDEL, C. H.
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Rotating mandrel for assembly of inflatable	Azinuth laying system Patent
devices Patent	Azinuth laying system Patent [MASA-CASE-MHF-01669] c21 M71-23289
devices Patent [BASA-CASE+XLA-04143] c15 B71-17687	Azinuth laying system Patent [MASA-CASE-IHF-01669] c21 H71-23289 HADDELKORD, J.
devices Patent [BASA-CASE-KLA-04143] c15 B71-17687 GACGLASHAD, U- Po, JR.	Aziouth laying system Patent [MASA-CASE-XHF-01669] c21 M71-23289 HADDRLKORD, J. Bethod of paking a silicon semiconductor device
devices Patent [MASA-CASE-XLA-04143] c15 M71-17687  BACCLASHAU, U. F., JR.  Belleville spring assembly with elastic guides	Aziouth laying system Patent [NASA-CASE-XHF-01669] c21 N71-23289  GADDRLKORD, J.  Bethod of Daking a silicon semiconductor device Patent
devices Patent [BASA-CASE-XLA-04143] c15 B71-17687  EACELASHAU, U. P., JB. Belleville spring assembly with elastic guides [BASA-CASE-XBP-09452] c15 B69-27504	Azimuth laying system Patent [MASA-CASE-IHF-01669] c21 B71-23289  HADDELKORD, L.  Hethod of Daking a silicon semiconductor device Patent [NASA-CASE-ILE-02792] c26 B71-10607
devices Patent [NASA-CASE-XLA-04143] c15 N71-17687  EACELASHAD, U. F., JR.  Belleville spring assembly with elastic guides [NASA-CASE-XNP-09452] c15 N69-27504  Bigh pressure four-way valve Patent	Azimuth laying system Patent [MASA-CASE-IHF-01669] c21 B71-23289  HADDRIKORD, J.  Hethod of making a silicon semiconductor device Patent [NASA-CASE-ILE-02792] c26 B71-10607  Hethod of making electrical contact on silicon
devices Patent [NASA-CASE-XLA-04143] c15 N71-17687  GACGLASHAD, U. P., JR.  Belleville spring assembly with elastic guides [NASA-CASE-XNP-09452] c15 N69-27504  Gigh pressure four-way valve Patent [NASA-CASE-XNP-00214] c15 N70-36908	Aziouth laying system Patent [MASA-CASE-MHF-01669]
devices Patent [MASA-CASE-XIA-04143] c15 M71-17687  BACGLASHAND, %- Fo., JR.  Belleville spring assembly with elastic guides [MASA-CASE-XNP-09452] c15 M69-27504  Bigh pressure four-way valve Patent [MASA-CASE-XNP-00214] c15 M70-36908  Bultiple Belleville spring assembly Patent	Azinuth laying system Patent [MASA-CASE-IHF-01669] c21 M71-23289  HADDELKORD, J.  Hethod of naking a silicon semiconductor device Patent [MASA-CASE-ILE-02792] c26 M71-10607  Hethod of naking electrical contact on silicon solar cell and resultant product Patent [MASA-CASE-ILE-04787] c03 M71-20492
devices Patent [NASA-CASE-XLA-04143] c15 N71-17687  BACGLASHAND, U. P.o. JR.  Belleville spring assembly with elastic guides [NASA-CASE-INP-09452] c15 N69-27504  Bigh pressure four-way valve Patent [NASA-CASE-INP-00214] c15 N70-36908  Bultiple Belleville spring assembly Patent	Azinuth laying system Patent [MASA-CASE-IHF-01669] c21 M71-23289  HADDELKORD, J.  Hethod of naking a silicon semiconductor device Patent [MASA-CASE-ILE-02792] c26 M71-10607  Bethod of naking electrical contact on silicon solar cell and resultant product Patent [MASA-CASE-ILE-04787] c03 M71-20492  Gd or Sn doped silicon semiconductor composition
devices Patent [MASA-CASE-XIA-04143] c15 M71-17687  BACGLASHAD, % Po, JR.  Belleville spring assembly with elastic guides [MASA-CASE-XNP-09452] c15 M69-27504  Bigh pressure four-way valve Patent [MASA-CASE-XNP-00214] c15 M70-36908  Bultiple Belleville spring assembly [MASA-CASE-XNP-00840] patent [MASA-CASE-XNP-00840] c15 M70-38225  Pressure regulating system Patent [MASA-CASE-XNP-00450] c15 M70-38603	Azinuth laying system Patent [MASA-CASE-IHF-01669] c21 M71-23289  HADDELKORD, J.  Hethod of Daking a silicon semiconductor device Patent [NASA-CASE-ILE-02792] c26 M71-10607  Hethod of Daking electrical contact on silicon solar cell and resultant product Patent [MASA-CASE-ILE-04787] c03 M71-20492  Gd or Sn doped silicon semiconductor composition Patent
devices Patent [MASA-CASE+XIA-04143] c15 M71-17687  BACGLASHAD, U. F., JR.  Belleville spring assembly with elastic guides [MASA-CASE-INP-09452] c15 M69-27504  Bigh pressure four-way valve Patent [MASA-CASE-INP-00214] c15 M70-36908  Bultiple Belleville spring assembly Patent [MASA-CASE-XMP-00840] c15 M70-38225  Pressure regulating system Patent [MASA-CASE-XMP-00450] c15 M70-38603  Bjection unit Patent	Aziouth laying system Patent [NASA-CASE-MHF-01669]
devices Patent [NASA-CASE-XIA-04143] c15 N71-17687  EACCLASHAD, U. P., JR.  Belleville spring assembly with elastic guides [NASA-CASE-XNP-09452] c15 N69-27504  High pressure four-way valve Patent [NASA-CASE-XNP-00214] c15 N70-36908  Hultiple Belleville spring assembly Patent [NASA-CASE-XNP-00840] c15 N70-38225  Pressure regulating system Patent [NASA-CASE-XNP-00450] c15 N70-38603  Bjection unit Patent [NASA-CASE-XNP-00676] c15 N70-38996	Aziguth laying system Patent [NASA-CASE-XHF-01669]
devices Patent [MASA-CASE-XIA-04143] c15 M71-17687  BACGLASHAD, U- Po, JR.  Belleville spring assembly with elastic guides [MASA-CASE-XMP-09452] c15 M69-27504  Eigh pressure four-way valve Patent [MASA-CASE-XMP-00214] c15 M70-36908  Bultiple Belleville spring assembly Patent [MASA-CASE-XMP-00840] c15 M70-38225  Pressure regulating system Patent [MASA-CASE-XMP-00450] c15 M70-38603  Bjection unit Patent [MASA-CASE-XMP-00676] c15 M70-38996  Beinforcing means for diaphragms Patent	Aziouth laying system Patent [MASA-CASE-IHF-01669]
devices Patent [MASA-CASE-XIA-04143] c15 M71-17687  BACGLASHAD, %- Fo, JR.  Belleville spring assembly with elastic guides [MASA-CASE-XNP-09452] c15 M69-27504  Bigh pressure four-way valve Patent [MASA-CASE-XNP-00214] c15 M70-36908  Bultiple Belleville spring assembly [MASA-CASE-XNP-00840] c15 M70-38225  Pressure regulating system Patent [MASA-CASE-XNP-00450] c15 M70-38603  Bjection unit Patent [MASA-CASE-XNP-00676] c15 M70-38996  Beinforcing means for diaphragms Patent [MASA-CASE-XNP-01962] c32 M70-41370	Aziouth laying system Patent [NASA-CASE-IHF-01669]
devices Patent [MASA-CASE-XIA-04143] c15 M71-17687  BACCLASHAD, U. F., JR.  Belleville spring assembly with elastic guides [MASA-CASE-INP-09452] c15 M69-27504  Bigh pressure four-way valve Patent [MASA-CASE-XMP-00214] c15 M70-36908  Bultiple Belleville spring assembly Patent [MASA-CASE-XMP-00840] c15 M70-38225  Pressure regulating system Patent [MASA-CASE-XMP-00450] c15 M70-38603  Bjection unit Patent [MASA-CASE-XMP-00676] c15 M70-38996  Beinforcing means for diaphragms Patent [MASA-CASE-XMP-01962] c32 M70-41370  Bigh pressure filter Patent	Aziouth laying system Patent [MASA-CASE-IHF-01669]
devices Patent [MASA-CASE-XIA-04143] c15 M71-17687  BACGLASHAD, U. P., JR.  Belleville spring assembly with elastic guides [MASA-CASE-XMP-09452] c15 M69-27504  Eigh pressure four-way valve Patent [MASA-CASE-XMP-00214] c15 M70-36908  Bultiple Belleville spring assembly [MASA-CASE-XMP-00840] c15 W70-38225  Pressure regulating system Patent [MASA-CASE-XMP-00450] c15 M70-38603  Bjection unit Patent [MASA-CASE-XMP-00676] c15 M70-38996  Reinforcing means for diaphragms Patent [MASA-CASE-XMP-01962]  High pressure filter Patent [MASA-CASE-XMP-00732] c28 W70-41447	Aziouth laying system Patent [MASA-CASE-MHF-01669]
devices Patent [MASA-CASE-XIA-04143] c15 M71-17687  BACGLASHAD, %- Fo, JR.  Belleville spring assembly with elastic guides [MASA-CASE-XNP-09452] c15 M69-27504  Bigh pressure four-way valve Patent [MASA-CASE-XMP-00214] c15 M70-36908  Bultiple Belleville spring assembly [MASA-CASE-XMP-00840] c15 M70-38225  Pressure regulating system Patent [MASA-CASE-XNP-00450] c15 M70-38603  Bjection unit Patent [MASA-CASE-XNP-00676] c15 M70-38996  Beinforcing means for diaphragms Patent [MASA-CASE-XMP-01962] c32 M70-41370  Bigh pressure filter Patent [MASA-CASE-XMP-00732] c28 M70-41447  Antiflutter ball check valve Patent	Aziouth laying system Patent [MASA-CASE-MHF-01669]
devices Patent [MASA-CASE-XIA-04143] c15 M71-17687  BACGLASHAND, U. P., JR.  Belleville spring assembly with elastic guides [MASA-CASE-XNP-09452] c15 M69-27504  Bigh pressure four-way valve Patent [MASA-CASE-XNP-00214] c15 M70-36908  Bultiple Belleville spring assembly Patent [MASA-CASE-XNP-00840] c15 M70-38225  Pressure regulating system Patent [MASA-CASE-XNP-00450] c15 M70-38603  Rjection unit Patent [MASA-CASE-XNP-00676] c15 M70-38996  Reinforcing means for diaphragms Patent [MASA-CASE-XNP-01962] c32 M70-41370  Bigh pressure filter Patent [MASA-CASE-XNP-00732] c28 M70-41447  Antiflutter ball check valve Patent [MASA-CASE-XNP-01152] c15 M70-41811	Aziouth laying system Patent [NASA-CASE-XHF-01669]  GAUDELKORD, J.  Bethod of Daking a silicon semiconductor device Patent [NASA-CASE-XLE-02792]  Bethod of Daking electrical contact on silicon solar cell and resultant product Patent [NASA-CASE-XLE-04787]  Gd or Sn doped silicon semiconductor composition Patent [NASA-CASE-XLE-10715]  Silicon solar cell with cover glass bonded to cell by netal pattern Patent [NASA-CASE-XLE-08569]  Semiconductor material and nethod of Daking same Patent [NASA-CASE-XLE-02798]  Bethod of attaching a cover glass to a silicon solar cell Patent
devices Patent [MASA-CASE+XIA-04143]  C15 M71-17687  BACGLASHAND, U. P., JR.  Belleville spring assembly with elastic guides [MASA-CASE-INP-09452]  C15 M69-27504  Bigh pressure four-way valve Patent [MASA-CASE-INP-00214]  C15 M70-36908  Bultiple Belleville spring assembly Patent [MASA-CASE-INP-00840]  Pressure regulating system Patent [MASA-CASE-INP-00450]  C15 M70-38603  Rjection unit Patent [MASA-CASE-INP-00676]  C15 M70-38996  Reinforcing means for diaphragms Patent [MASA-CASE-INP-01962]  C32 M70-41370  Bigh pressure filter Patent [MASA-CASE-INP-01732]  Antiflutter ball check valve Patent [MASA-CASE-INP-01152]  C15 M70-41811  High pressure regulator valve Patent	Aziouth laying system Patent [NASA-CASE-IHF-01669]  Elethod of Daking a silicon semiconductor device Patent [NASA-CASE-ILE-02792]  Bethod of Daking electrical contact on silicon solar cell and resultant product [NASA-CASE-ILE-04787]  Gd or Sn doped silicon semiconductor composition Patent [NASA-CASE-ILE-10715]  Silicon solar cell with cover glass bonded to cell by Detal pattern Patent [NASA-CASE-ILE-08569]  Semiconductor material and Dethod of Daking same Patent [NASA-CASE-ILE-02798]  Bethod of attaching a cover glass to a silicon solar cell Patent [NASA-CASE-ILE-08569-2]  CO3 N71-24681
devices Patent [MASA-CASE-XIA-04143]  GACGLASHAID, No. Po., JR.  Belleville spring assembly with elastic guides [MASA-CASE-XNP-09452]  Eigh pressure four-way valve Patent [MASA-CASE-XNP-00214]  Elaster for the spring assembly patent [MASA-CASE-XNP-00840]  Pressure regulating system Patent [MASA-CASE-XNP-00840]  Elaster for the spring assembly patent [MASA-CASE-XNP-00450]  Elaster for the spring assembly patent [MASA-CASE-XNP-00676]  Elaster for the spring assembly patent [MASA-CASE-XNP-00676]  Elaster for the spring assembly patent [MASA-CASE-XNP-00732]  Elaster for the spring assembly patent [MASA-CASE-XNP-0732]  Elaster for the spring assembly patent [MASA-CASE-XNP-0730]  Elaster for the spring assembly patent  Elaster for th	Aziouth laying system Patent [MASA-CASE-MHF-01669]
devices Patent [MASA-CASE-XIA-04143]  GACGLASHAID, %- Fo, JR.  Belleville spring assembly with elastic guides [MASA-CASE-XNP-09452]  Gigh pressure four-way valve Patent [MASA-CASE-XNP-00214]  Gib N70-36908  Bultiple Belleville spring assembly [MASA-CASE-XNP-00840]  Pressure regulating system Patent [MASA-CASE-XNP-00450]  Gib N70-38603  Bjection unit Patent [MASA-CASE-XNP-00676]  Reinforcing means for diaphragms Patent [MASA-CASE-XNP-01962]  Gib N70-38996  Reinforcing means for diaphragms Patent [MASA-CASE-XNP-01962]  Gib N70-41370  Bigh pressure filter Patent [MASA-CASE-XNP-00732]  Antiflutter ball check valve Patent [MASA-CASE-XNP-01152]  Gib N70-41811  High pressure regulator valve Patent [MASA-CASE-XNP-00710]  Filler valve Patent	Aziouth laying system Patent [MASA-CASE-IHF-01669]
devices Patent [MASA-CASE-XIA-04143] C15 M71-17687  BACGLASHAID, %- Fo, JR.  Belleville spring assembly with elastic guides [MASA-CASE-XNP-09452] C15 M69-27504  Bigh pressure four-way valve Patent [MASA-CASE-XNP-00214] C15 M70-36908  Bultiple Belleville spring assembly Patent [MASA-CASE-XNP-00840] Pressure regulating system Patent [MASA-CASE-XNP-00450] C15 M70-38603  Bjection unit Patent [MASA-CASE-XNP-00450] C15 M70-38996  Beinforcing means for diaphragms Patent [MASA-CASE-XNP-01962] C32 M70-41370  Bigh pressure filter Patent [MASA-CASE-XNP-00732] Antiflutter ball check valve Patent [MASA-CASE-XNP-01152] C15 M70-41811  High pressure regulator valve Patent [MASA-CASE-XNP-00710] Piller valve Patent [MASA-CASE-INP-01747] C15 W71-23024	Aziouth laying system Patent [NASA-CASE-MHF-01669]  GADDRLKORD, J.  Bethod of Daking a silicon semiconductor device Patent [NASA-CASE-MLE-02792]  Bethod of Daking electrical contact on silicon solar cell and resultant product Patent [NASA-CASE-MLE-04787]  Gd or Sn doped silicon semiconductor composition Patent [NASA-CASE-MLE-10715]  Silicon solar cell with cover glass bonded to cell by netal pattern Patent [NASA-CASE-MLE-08569]  Semiconductor material and nethod of Daking same Patent [NASA-CASE-MLE-02798]  Bethod of attaching a cover glass to a silicon solar cell Patent [NASA-CASE-MLE-08569-2]  BANGION, Co System for preconditioning a combustible vapor [NASA-CASE-MPO-12072]  C28 N72-22772
devices Patent [MASA-CASE-XIA-04143]  GACGLASHAND, U. P. P. JR.  Belleville spring assembly with elastic guides [MASA-CASE-INP-09452]  Gigh pressure four-way valve Patent [MASA-CASE-INP-00214]  Guitiple Belleville spring assembly Patent [MASA-CASE-XMP-00840]  Pressure regulating system Patent [MASA-CASE-XMP-00450]  Rjection unit Patent [MASA-CASE-XMP-00450]  Gigh pressure for diaphragms Patent [MASA-CASE-XMP-01962]  Gigh pressure filter Patent [MASA-CASE-XMP-01962]  Antiflutter ball check valve Patent [MASA-CASE-XMP-01152]  Gigh pressure regulator valve Patent [MASA-CASE-XMP-011747]  Gigh pressure regulator valve Patent [MASA-CASE-XMP-00710]	Aziouth laying system Patent [MASA-CASE-MHF-01669]  GAUDELKORE, J.  Hethod of Daking a silicon semiconductor device Patent [MASA-CASE-XLE-02792]  Hethod of Daking electrical contact on silicon solar cell and resultant product Patent [MASA-CASE-XLE-04787]  Gd or Sn doped silicon semiconductor composition Patent [MASA-CASE-XLE-10715]  Silicon solar cell with cover glass bonded to cell by netal pattern Patent [MASA-CASE-XLE-08569]  Semiconductor material and nethod of Daking same Patent [MASA-CASE-XLE-02798]  Hethod of attaching a cover glass to a silicon solar cell Patent [MASA-CASE-ILE-08569-2]  HASA-CASE-ILE-08569-2]  GOS M71-24681  HAMGION, C.  System for preconditioning a combustible vapor [MASA-CASE-MPO-12072]  C28 M72-22772
devices Patent [MASA-CASE-XIA-04143]  GACGLASHAID, W. P., JR.  Belleville spring assembly with elastic guides [MASA-CASE-XNP-09452]  Eigh pressure four-way valve Patent [MASA-CASE-XNP-00214]  Elimination of the control of the contr	Aziouth laying system Patent [MASA-CASE-MHF-01669]
devices Patent [MASA-CASE-XIA-04143]  C15 M71-17687  EACELASHAND, %- Fo, JR.  Belleville spring assembly with elastic guides [MASA-CASE-XNP-09452]  Eigh pressure four-way valve Patent [MASA-CASE-XNP-00214]  EIGH Pressure four-way valve Patent [MASA-CASE-XNP-00214]  EIGH Pressure regulating system Patent [MASA-CASE-XNP-00450]  EIGH Pressure regulating system Patent [MASA-CASE-XNP-00450]  EIGH Pressure regulating system Patent [MASA-CASE-XNP-00450]  EIGH Pressure regulating system Patent [MASA-CASE-XNP-00676]  EIGH Pressure filter  EIGH Pressure filter Patent [MASA-CASE-XNP-00732]  Antiflutter ball check valve Patent [MASA-CASE-XNP-00732]  EIGH Pressure regulator valve Patent [MASA-CASE-XNP-00710]	Aziouth laying system Patent [NASA-CASE-IHF-01669]  GADDELKORD, J.  Bethod of Daking a silicon semiconductor device Patent [NASA-CASE-ILE-02792]  Bethod of Daking electrical contact on silicon solar cell and resultant product Patent [NASA-CASE-ILE-04787]  Gd or SD doped silicon semiconductor composition Patent [NASA-CASE-ILE-10715]  Silicon solar cell with cover glass bonded to cell by Detal Pattern Patent [NASA-CASE-ILE-08569]  Semiconductor Daterial and Dethod of Daking same Patent [NASA-CASE-ILE-02798]  Bethod of attaching a cover glass to a silicon solar cell Patent [NASA-CASE-ILE-08569-2]  BASA-CASE-ILE-08569-2]  CO3 N71-23654  BASA-CASE-ILE-08569-2]  CO3 N71-24681  BASA-CASE-ILE-08569-2]  BASA-CASE-NPO-12072]  CO3 N71-24681  BASA-CASE-NPO-12072]  CO3 N71-24681
devices Patent [MASA-CASE-XIA-04143]  GACGLASHAD, %- Fo, JR.  Belleville spring assembly with elastic guides [MASA-CASE-XNP-09452]  Eigh pressure four-way valve Patent [MASA-CASE-XNP-00214]  Elast-CASE-XNP-00214]  C15 N70-36908  Bultiple Belleville spring assembly Patent [MASA-CASE-XNP-00840]  Fressure regulating system Patent [MASA-CASE-XNP-00450]  Ejection unit Patent [MASA-CASE-XNP-00676]  Reinforcing means for diaphragms Patent [MASA-CASE-XNP-00676]  Eigh pressure filter Patent [MASA-CASE-XNP-00732]  Antiflutter ball check valve Patent [MASA-CASE-XNP-00732]  C15 N70-41811  Eigh pressure regulator valve Patent [MASA-CASE-XNP-00710]  Filler valve Patent [MASA-CASE-XNP-00710]  Filler valve Patent [MASA-CASE-XNP-00710]  Filler valve Patent [MASA-CASE-XNP-0071747]  C15 N71-10778  FILLER CASE-XNP-01747]  C15 N71-23024  ENCKNY, Ca Da  Quick disconnect latch and handle combination Patent [NASA-CASE-RPS-11132]  C15 N71-17649	Aziouth laying system Patent [MASA-CASE-MHF-01669]  HADDREKORD, J.  Hethod of Daking a silicon semiconductor device Patent [MASA-CASE-MLE-02792]  Hethod of Daking electrical contact on silicon solar cell and resultant product Patent [MASA-CASE-MLE-04787]  Gd or Sn doped silicon semiconductor composition Patent [MASA-CASE-MLE-10715]  Silicon solar cell with cover glass bonded to cell by Detal Patent [MASA-CASE-MLE-08569]  Semiconductor material and Dethod of Daking same Patent [MASA-CASE-MLE-02798]  HASA-CASE-MLE-02798]  HASA-CASE-MLE-08569-2]  HASA-CASE-MLE-08569-2]  COS M71-23654  Hethod of attaching a cover glass to a silicon solar cell Patent [MASA-CASE-MLE-08569-2]  HASA-CASE-MPO-12072]  COS M71-24681  HASA-CASE-MPO-12072]  COS M73-22045
devices Patent [MASA-CASE-XIA-04143]  GACGLASHAD, %- Fo, JR.  Belleville spring assembly with elastic guides [MASA-CASE-XNP-09452]  Gigh pressure four-way valve Patent [MASA-CASE-XNP-00214]  Guitiple Belleville spring assembly Patent [MASA-CASE-XNP-00840]  Pressure regulating system Patent [MASA-CASE-XNP-00450]  Rjection unit Patent [MASA-CASE-XNP-00450]  Rjection unit Patent [MASA-CASE-XNP-00676]  Reinforcing means for diaphragms Patent [MASA-CASE-XNP-01962]  Gigh pressure filter Patent [MASA-CASE-XNP-01732]  Antiflutter ball check valve Patent [MASA-CASE-XNP-01152]  C15 N70-41811  High pressure regulator valve Patent [MASA-CASE-XNP-0710]  Piller valve Patent [MASA-CASE-XNP-07747]  GICKAY, Ca Aa  Quick disconnect latch and handle combination Patent [NASA-CASE-HPS-11132]  C15 N71-17649	Aziouth laying system Patent [MASA-CASE-IHF-01669]  GAUDELKORE, J.  Hethod of Daking a silicon semiconductor device Patent [MASA-CASE-ILE-02792]  Hethod of Daking electrical contact on silicon solar cell and resultant product Patent [MASA-CASE-ILE-04787]  Gd or Sn doped silicon semiconductor composition Patent [MASA-CASE-ILE-10715]  Silicon solar cell with cover glass bonded to cell by Detal pattern Patent [MASA-CASE-ILE-08569]  Semiconductor material and Dethod of Daking same Patent [MASA-CASE-ILE-02798]  Hethod of attaching a cover glass to a silicon solar cell Patent [MASA-CASE-ILE-08569-2]  HASA-CASE-ILE-08569-2]  GAUSA-CASE-ILE-08569-2]  GAUSA-CASE-ILE-08569-2]  HASA-CASE-ILE-08569-2]  GAUSA-CASE-ILE-08569-2]  HASA-CASE-ILE-08569-2]  GAUSA-CASE-ILE-08569-2]  HASA-CASE-ILE-08569-2]
devices Patent [MASA-CASE-XIA-04143]  GACGLASHAU, %- Fo, JR.  Belleville spring assembly with elastic guides [MASA-CASE-XNP-09452]  Eigh pressure four-way valve Patent [MASA-CASE-XNP-00214]  Eligh pressure four-way valve Patent [MASA-CASE-XNP-00840]  Fressure regulating system Patent [MASA-CASE-XNP-00450]  Ejection unit Patent [MASA-CASE-XNP-00676]  Reinforcing means for diaphragms Patent [MASA-CASE-XNP-00676]  Eigh pressure filter Patent [MASA-CASE-XNP-00732]  Eigh pressure filter Patent [MASA-CASE-XNP-00732]  English pressure filter Patent [MASA-CASE-XNP-00732]  English pressure regulator valve Patent [MASA-CASE-XNP-00710]  Eigh pressure regulator valve [MASA-CASE-XNP-00710]  Eigh pressure regulator valve [MASA-CASE-XNP-00710]  Eigh pressure regulator  Eigh pressure regulat	Aziouth laying system Patent [MASA-CASE-IHF-01669]  GADDRLKORD, J.  Bethod of paking a silicon semiconductor device Patent [NASA-CASE-ILE-02792]  Bethod of paking electrical contact on silicon solar cell and resultant product Patent [MASA-CASE-ILE-04787]  Go or Sn doped silicon semiconductor composition Patent [MASA-CASE-ILE-10715]  Silicon solar cell with cover glass bonded to cell by metal pattern Patent [MASA-CASE-ILE-08569]  Semiconductor material and method of making same Patent [MASA-CASE-ILE-02798]  Bethod of attaching a cover glass to a silicon solar cell Patent [MASA-CASE-ILE-08569-2]  BASA-CASE-ILE-08569-2]  CO3 M71-24681  BANGIOH, C.  System for preconditioning a combustible wapor [MASA-CASE-NPO-12072]  EMBGOLD, D. U. Bedical subject nonitoring systems [MASA-CASE-HSC-14180-1]  CO5 M73-22045  BANDING, C. R.  Thermal shock resistant hafnia ceranic material [MASA-CASE-LAR-10894-1]  C18 M73-14584
devices Patent [MASA-CASE-XIA-04143]  GACGLASHAD, U. P., JR.  Belleville spring assembly with elastic guides [MASA-CASE-XNP-09452]  Eigh pressure four-way valve Patent [MASA-CASE-XNP-00214]  Elleville spring assembly continued to the continued	Aziouth laying system Patent [NASA-CASE-IHF-01669]  GADDRLKORD, J.  Bethod of Daking a silicon semiconductor device Patent [NASA-CASE-ILE-02792]  Bethod of Daking electrical contact on silicon solar cell and resultant product Patent [NASA-CASE-ILE-04787]  Gd or SD doped silicon semiconductor composition Patent [NASA-CASE-ILE-10715]  Silicon solar cell with cover glass bonded to cell by netal pattern Patent [NASA-CASE-ILE-08569]  Semiconductor Daterial and Dethod of Daking same Patent [NASA-CASE-ILE-02798]  Bethod of attaching a cover glass to a silicon solar cell Patent [NASA-CASE-ILE-08569-2]  BANGGION, C.  System for preconditioning a combustible vapor [NASA-CASE-NPO-12072]  BANGGION, D. C.  Hedical subject Donitoring Systems [NASA-CASE-NFO-12072]  COS N73-22045  HABUIDG, C. B.  Thermal shock resistant hafnia ceramic Daterial [NASA-CASE-IAR-10894-1]  CASE-IAS-14584  HADDING, C. R., JR.
devices Patent [MASA-CASE-XIA-04143]  GACGLASHAU, W. P., JR.  Belleville spring assembly with elastic guides [MASA-CASE-XNP-09452]  Eigh pressure four-way valve Patent [MASA-CASE-XNP-00214]  Elimple Belleville spring assembly continued to the street of the second to t	Aziouth laying system Patent [MASA-CASE-IHF-01669]  GANDRIKORD; J.  Hethod of Daking a silicon semiconductor device Patent [MASA-CASE-ILE-02792]  GANDRICORD; C26 M71-10607  Hethod of Daking electrical contact on silicon solar cell and resultant product Patent [MASA-CASE-ILE-04787]  GA OF Sn doped silicon semiconductor composition Patent [MASA-CASE-ILE-10715]  Silicon solar cell with cover glass honded to cell by Detal Patent [MASA-CASE-ILE-08569]  Semiconductor material and Dethod of Daking same Patent [MASA-CASE-ILE-02798]  Hethod of attaching a cover glass to a silicon solar cell Patent [MASA-CASE-ILE-08569-2]  GANGION; Cc.  System for preconditioning a condustible vapor [MASA-CASE-ILE-08569-2]  HASA-CASE-ILE-08569-2]  GANGION; Cc.  System for preconditioning systems [MASA-CASE-MPO-12072]  HABGOLD; D. H. Hedical subject nonitoring systems [MASA-CASE-HSC-14180-1]  GASA-CASE-IAR-10894-1]  C18 M73-14584  HADDING; C. R.  Thermal shock resistant hafnia ceranic Daterial [MASA-CASE-IAR-10894-1]  C18 M73-14584  CONTROLLE Glass bead peening Patent
devices Patent [MASA-CASE-XIA-04143]  GACGLASHAID, %- Fo, JR.  Belleville spring assembly with elastic guides [MASA-CASE-XNP-09452]  Eigh pressure four-way valve Patent [MASA-CASE-XNP-00214]  Elaster of the spring assembly patent [MASA-CASE-XNP-00840]  Fressure regulating system Patent [MASA-CASE-XNP-00450]  Ejection unit Patent [MASA-CASE-XNP-00450]  Ejection unit Patent [MASA-CASE-XNP-00676]  Eigh pressure filter Patent [MASA-CASE-XNP-00732]  Bigh pressure filter Patent [MASA-CASE-XNP-00732]  Antiflutter ball check valve Patent [MASA-CASE-XNP-00732]  High pressure regulator valve Patent [MASA-CASE-XNP-00710]  Filler valve Patent [MASA-CASE-XNP-00747]  Election unit Patent [MASA-CASE-XNP-00732]  C15 M70-38996  E70-41370  E71 To M70-38996  E72 M70-41370  E73 M70-41811  E74 M70-41811  E75 M70-41811  E75 M71-10778  E75 M71-23024  EMCKNY, Ca Laster of the spring assembly with improved driving nechanism Patent  E74 M72-25413  E74 M72-25413  E75 M71-17649  E77 M71-17649	Aziouth laying system Patent [NASA-CASE-IHF-01669]  GADDELGORG, J.  Bethod of Daking a silicon semiconductor device Patent [NASA-CASE-ILE-02792]  Bethod of Daking electrical contact on silicon solar cell and resultant product Patent [MASA-CASE-ILE-04787]  Gd or SD doped silicon semiconductor composition Patent [MASA-CASE-ILE-10715]  Silicon solar cell with cover glass bonded to cell by metal pattern Patent [NASA-CASE-ILE-08569]  Semiconductor material and method of making same Patent [NASA-CASE-ILE-02798]  Bethod of attaching a cover glass to a silicon solar cell Patent [NASA-CASE-ILE-08569-2]  BANGIOD, C.  System for preconditioning a combustible vapor [NASA-CASE-ILE-08569-2]  BANGIOD, C.  System for preconditioning systems [NASA-CASE-BSC-14180-1]  Bedical subject monitoring systems [NASA-CASE-BSC-14180-1]  COS B73-22045  HANDING, C. R.  Thermal shock resistant hafnia ceramic material [NASA-CASE-IAR-10894-1]  C15 N71-18616
devices Patent [MASA-CASE-XIA-04143]  C15 M71-17687  EACELASHAID, %- Fo, JR.  Belleville spring assembly with elastic guides [MASA-CASE-INP-09452]  Eigh pressure four-way valve Patent [MASA-CASE-XNP-00214]  EIGH pressure four-way valve Patent [MASA-CASE-XNP-00214]  EIGH pressure four-way valve Patent [MASA-CASE-XNP-00450]  EIGH pressure regulating system Patent [MASA-CASE-XNP-00450]  EIGH pressure filter  EIGH pressure filter Patent [MASA-CASE-XNP-00676]  EIGH pressure filter Patent [MASA-CASE-XNP-00732]  Antiflutter ball check valve Patent [MASA-CASE-XNP-00732]  EIGH pressure regulator valve Patent [MASA-CASE-XNP-00710]  EIGH pressure regulator  EIGH p	Aziouth laying system Patent [NASA-CASE-IHF-01669]  Bethod of Daking a silicon semiconductor device Patent [NASA-CASE-ILE-02792]  Bethod of Daking electrical contact on silicon solar cell and resultant product Patent [MASA-CASE-ILE-04787]  Go or Sn doped silicon semiconductor composition Patent [BASA-CASE-ILE-10715]  Silicon solar cell with cover glass bonded to cell by netal pattern Patent [MASA-CASE-ILE-08569]  Semiconductor material and method of making same Patent [MASA-CASE-ILE-02798]  Bethod of attaching a cover glass to a silicon solar cell Patent [MASA-CASE-ILE-08569-2]  EAMGIOUS, Co. System for preconditioning a combustible vapor [MASA-CASE-ILE-08569-2]  EAMGIOUS, Co.  System for preconditioning systems [MASA-CASE-BPO-12072]  EAMGOLD, D. Co. Thermal shock resistant hafnia ceramic material [MASA-CASE-HAR-10894-1]  EAMSDIUG, Co. Ro. Thermal shock resistant hafnia ceramic material [MASA-CASE-LAR-10894-1]  EAMSDIUG, Co. Ro. Thermal shock resistant patent [MASA-CASE-IAR-10894-1]  EAMSDIUG, Co. Ro. Thermal shock resistant patent [MASA-CASE-IAR-10894-1]  EAMSDIUG, Co. Ro. Thermal shock resistant patent [MASA-CASE-IAR-10894-1]  EAMSA-CASE-IAR-10894-1]
devices Patent [MASA-CASE-XIA-04143]  GACGLASHAU, U. P., JR.  Belleville spring assembly with elastic guides [MASA-CASE-XNP-09452]  Eigh pressure four-way valve Patent [MASA-CASE-XNP-00214]  Elaster in the spring assembly patent [MASA-CASE-XNP-00840]  Fressure regulating system Patent [MASA-CASE-XNP-00840]  Fressure regulating system Patent [MASA-CASE-XNP-00450]  Elastion unit Patent [MASA-CASE-XNP-00676]  Elastion unit Patent [MASA-CASE-XNP-00676]  Elidh pressure filter Patent [MASA-CASE-XNP-00732]  Eligh pressure filter Patent [MASA-CASE-XNP-00732]  Antiflutter ball check valve Patent [MASA-CASE-XNP-00732]  Eligh pressure regulator valve Patent [MASA-CASE-XNP-00710]  Eligh pressure regulator valve Patent [MASA-CASE-XNP-01747]  Eligh pressure regulator v	Azinuth laying system Patent [MASA-CASE-IHF-01669]  GAUDELKORE, J.  Hethod of Daking a silicon semiconductor device Patent [MASA-CASE-ILE-02792]  Hethod of Daking electrical contact on silicon solar cell and resultant product Patent [MASA-CASE-ILE-04787]  Gd or Sn doped silicon semiconductor composition Patent [MASA-CASE-ILE-10715]  Silicon solar cell with cover glass honded to cell by netal pattern Patent [MASA-CASE-ILE-08569]  Semiconductor material and nethod of Daking same Patent [MASA-CASE-ILE-02798]  Hethod of attaching a cover glass to a silicon solar cell Patent [MASA-CASE-ILE-08569-2]  HASA-CASE-ILE-08569-2]  GAUNGION, C.  System for preconditioning a combustible vapor [MASA-CASE-ILE-08569-2]  HAMBION, C.  System for preconditioning systems [MASA-CASE-ILE-08798]  Hedical subject nonitoring systems [MASA-CASE-INPO-12072]  HAMBION, C. B.  Thernal shock resistant hafnia ceranic naterial [MASA-CASE-IAR-10894-1]  HAMBIONG, C. B., JR.  Controlled glass bead peening Patent [MASA-CASE-ILA-07390]  C15 M71-18616  HAMOING, B.  Aircraft-Dounted crash-activated radio device [MASA-CASE-IFS-16609-2]  C07 M73-31080
devices Patent [MASA-CASE-XIA-04143]  GACGLASHAU, %- Fo, JR.  Belleville spring assembly with elastic guides [MASA-CASE-XNP-09452]  Eigh pressure four-way valve Patent [MASA-CASE-XNP-00214]  Elimphy assembly control of assembly patent [MASA-CASE-XNP-00840]  Fressure regulating system Patent [MASA-CASE-XNP-00450]  Election unit Patent [MASA-CASE-XNP-00450]  Election unit Patent [MASA-CASE-XNP-00676]  Eleniforcing means for diaphragms Patent [MASA-CASE-XNP-01962]  Eligh pressure filter Patent [MASA-CASE-XNP-01962]  Eligh pressure filter Patent [MASA-CASE-XNP-00732]  Antiflutter ball check valve Patent [MASA-CASE-XNP-01152]  Eligh pressure regulator valve Patent [MASA-CASE-XNP-00710]  Eller valve Patent [MASA-CASE-XNP-00710]  Filler valve Patent [MASA-CASE-XNP-00710]  Eller valve Patent [MASA-CASE-XNP-01747]  Eller valve Patent [MASA-CASE-NNP-01747]  Eller valv	Azinuth laying system Patent [MASA-CASE-IHF-01669]  GADDELGORG, J.  Bethod of Daking a silicon semiconductor device Patent [NASA-CASE-ILE-02792]  Gethod of Daking electrical contact on silicon solar cell and resultant product Patent [MASA-CASE-ILE-04787]  Go or Sn doped silicon semiconductor composition Patent [MASA-CASE-ILE-10715]  Silicon solar cell with cover glass bonded to cell by netal pattern Patent [MASA-CASE-ILE-08569]  Semiconductor material and nethod of Daking same Patent [MASA-CASE-ILE-08569]  Semiconductor material and nethod of Daking same Patent [MASA-CASE-ILE-08569-2]  Hethod of attaching a cover glass to a silicon solar cell Patent [MASA-CASE-ILE-08569-2]  System for preconditioning a combustible vapor [MASA-CASE-ILE-08569-2]  COS M71-24681  MAMBOOD, C.  System for preconditioning a systems [MASA-CASE-HSC-14180-1]  COS M73-22045  HABUIUG, C. R.  Thernal shock resistant hafnia ceranic material [MASA-CASE-LAR-10894-1]  CASE-CASE-LAR-10894-1]  CASE-CASE-LAR-10894-1
devices Patent [MASA-CASE-XIA-04143]  GACGLASHAID, W. P., JR.  Belleville spring assembly with elastic guides [MASA-CASE-XNP-09452]  Eigh pressure four-way valve Patent [MASA-CASE-XNP-00214]  Elasa-CASE-XNP-00214]  C15 N70-36908  Bultiple Belleville spring assembly Patent [MASA-CASE-XNP-00840]  Fressure regulating system Patent [MASA-CASE-XNP-00450]  Ejection unit Patent [MASA-CASE-XNP-00676]  Reinforcing means for diaphragms Patent [MASA-CASE-XNP-00676]  Eigh pressure filter Patent [MASA-CASE-XNP-00732]  Antiflutter ball check valve Patent [MASA-CASE-XNP-00732]  High pressure regulator valve Patent [MASA-CASE-XNP-007152]  Elasa-CASE-XNP-00710]  Filler valve Patent [MASA-CASE-XNP-00747]  Eller valve Patent [MASA-CASE-XNP-00747]  Eller valve Patent [MASA-CASE-INP-01747]  C15 N71-10778  FILLEROD, D. H.  Bacterial Contamination monitor [MASA-CASE-GSC-10879-1]  GACOHBER, J. U.  Bacterial contamination monitor [MASA-CASE-XLE-00298]  ENCURING G. B.  Analog spatial maneuver computer [MASA-CASE-GSC-10880-1]  C08 E72-11172	Aziouth laying system Patent [NASA-CASE-IHF-01669]  GADDRLKORD, J.  Bethod of Daking a silicon semiconductor device Patent [NASA-CASE-ILE-02792]  Bethod of Daking electrical contact on silicon solar cell and resultant product Patent [MASA-CASE-ILE-04787]  Gd or Sn doped silicon semiconductor composition Patent [MASA-CASE-ILE-10715]  Silicon solar cell with cover glass bonded to cell by netal pattern Patent [MASA-CASE-ILE-08569]  Semiconductor material and nethod of Daking same Patent [MASA-CASE-ILE-02798]  Bethod of attaching a cover glass to a silicon solar cell Patent [MASA-CASE-ILE-08569-2]  EANAB-CASE-ILE-08569-2]  CO3 M71-24681  EMASA-CASE-ILE-08569-2]  EMASA-CASE-NPO-12072]  EMASA-CASE-NPO-12072]  CO3 M71-24681  EMINION, C.  System for preconditioning a combustible vapor [MASA-CASE-NPO-12072]  EMBOLD, D. U. Bedical subject nonitoring systems [MASA-CASE-HSC-14180-1]  EMASA-CASE-HSC-14180-1]  CO5 M73-22045  EMBULIOG, C. R.  Thernal shock resistant hafnia ceranic naterial [MASA-CASE-HAR-10894-1]  EMBOLIG, C. R.  Thernal shock resistant hafnia ceranic naterial [MASA-CASE-IAR-10894-1]  EMBOLIG, R.  Aircraft-nounted crash-activated radio device [MASA-CASE-ILA-07390]  CO7 E73-31084  EMBOLIG, R.  Aircraft-nounted crash-activated radio device [MASA-CASE-ILA-07390-2]  CO7 E73-31084
devices Patent [MASA-CASE-ILA-04143]  GACGLASHAID, U. F., JR.  Belleville spring assembly with elastic guides [MASA-CASE-INP-0952]  Eigh pressure four-way valve Patent [MASA-CASE-INP-00214]  Bultiple Belleville spring assembly Patent [MASA-CASE-INP-00840]  Fressure regulating system Patent [MASA-CASE-INP-00840]  Fressure regulating system Patent [MASA-CASE-INP-00450]  Ejection unit Patent [MASA-CASE-INP-00676]  Eigh pressure filter Patent [MASA-CASE-INP-00676]  Eigh pressure filter Patent [MASA-CASE-INP-00732]  Antiflutter ball check valve Patent [MASA-CASE-INP-01152]  Eigh pressure regulator valve Patent [MASA-CASE-INP-00710]  Filler valve Patent [MASA-CASE-INP-01747]  EIGHCRAY, C. D.  Quick disconnect latch and handle combination Patent [MASA-CASE-INP-01747]  EMCLEOD, D. H.  Bacterial contamination monitor [MASA-CASE-ESC-10879-1]  EMCCHERD, J. U.  Muclear reactor control rod assembly with improved driving mechanism Patent [MASA-CASE-INE-00298]  EMCCUBIGH, G. B.  Analog spatial maneuver computer [MASA-CASE-INE-00298]  EMCCUBIGH, G. B.  Analog spatial maneuver computer [MASA-CASE-INE-GSC-10880-1]  EADDOX, J. E.	Azinuth laying system Patent [MASA-CASE-IHF-01669]  GADDRIGORS, J.  Hethod of Daking a silicon semiconductor device Patent [MASA-CASE-ILE-02792]  GAO of Daking electrical contact on silicon solar cell and resultant product Patent [MASA-CASE-ILE-04787]  GAO or Sn doped silicon semiconductor composition Patent [MASA-CASE-ILE-04787]  GAO or Sn doped silicon semiconductor composition Patent [MASA-CASE-ILE-10715]  Silicon solar cell with cover glass bonded to cell by netal pattern Patent [MASA-CASE-ILE-08569]  Semiconductor material and nethod of making same Patent [MASA-CASE-ILE-08569]  GAO N71-23449  Semiconductor material and nethod of making same Patent [MASA-CASE-ILE-08569-2]  GAO N71-24681  HASA-CASE-ILE-08569-2]  GAO N71-24681  GASA-CASE-ILE-08569-2]  GAO N71-24681  GANGION, C.  System for preconditioning a combustible vapor [MASA-CASE-NPO-12072]  GAO N71-24681  GANGION, C.  System for preconditioning a combustible vapor [MASA-CASE-ILE-08569-2]  GAO N71-24681  GANGION, C.  Thernal shock resistant hafnia ceranic material [MASA-CASE-ILE-0894-1]  GAO N71-24681  GAO N71-23694  GAO N71-2
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devices Patent [MASA-CASE-XIA-04143]  GACGLASHAN, U. P., JR.  Belleville spring assembly with elastic guides [MASA-CASE-INP-09452]  Gigh pressure four-way valve Patent [MASA-CASE-INP-00214]  Bultiple Belleville spring assembly Patent [MASA-CASE-XNP-00840]  Fressure regulating system Patent [MASA-CASE-XNP-00840]  Gib M70-38603  Bjection unit Patent [MASA-CASE-XNP-00450]  Gib M70-38603  Bjection unit Patent [MASA-CASE-XNP-00676]  Gib M70-38996  Reinforcing means for diaphragms Patent [MASA-CASE-XNP-00732]  Antiflutter ball check valve Patent [MASA-CASE-XNP-00732]  High pressure regulator valve Patent [MASA-CASE-XNP-001152]  High pressure regulator valve Patent [MASA-CASE-XNP-00710]  Filler valve Patent [MASA-CASE-XNP-007717]  GICKAY, C. A.  Quick disconnect latch and handle combination Patent [MASA-CASE-NP-01747]  GASA-CASE-NP-01747]  GASA	Azinuth laying system Patent [NASA-CASE-KHF-01669]  ENDREMORD, J.  Bethod of Daking a silicon semiconductor device Patent [NASA-CASE-KLE-02792]  Ethod of Daking electrical contact on silicon solar cell and resultant product Patent [NASA-CASE-KLE-04787]  Ed or Sn doped silicon semiconductor composition Patent [NASA-CASE-KLE-04787]  Ed or Sn doped silicon semiconductor composition Patent [NASA-CASE-KLE-10715]  Ed or Sn doped silicon semiconductor composition Patent [NASA-CASE-KLE-10715]  Ed or Sn doped silicon semiconductor composition Patent [NASA-CASE-KLE-04787]  Ed or Sn doped silicon semiconductor composition Patent [NASA-CASE-KLE-04787]  Ed or Sn doped silicon semiconductor composition Patent [NASA-CASE-KLE-02798]  Ed or Sn doped silicon semiconductor composition Patent [NASA-CASE-KLE-02798]  Ed or Sn doped silicon semiconductor composition Patent [NASA-CASE-KLE-02798]  Ed or Sn doped silicon semiconductor composition Patent [NASA-CASE-KLE-02798]  Ed or Sn doped silicon semiconductor composition Patent [NASA-CASE-KLE-02798]  Ed or Sn doped silicon semiconductor composition  Ed
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devices Patent [MASA-CASE-XIA-04143]  GACGLASHAN, U. P., JR.  Belleville spring assembly with elastic guides [MASA-CASE-INP-09452]  Gigh pressure four-way valve Patent [MASA-CASE-INP-00214]  Bultiple Belleville spring assembly Patent [MASA-CASE-XNP-00840]  Fressure regulating system Patent [MASA-CASE-XNP-00840]  Gib M70-38603  Bjection unit Patent [MASA-CASE-XNP-00450]  Gib M70-38603  Bjection unit Patent [MASA-CASE-XNP-00676]  Gib M70-38996  Reinforcing means for diaphragms Patent [MASA-CASE-XNP-00732]  Antiflutter ball check valve Patent [MASA-CASE-XNP-00732]  High pressure regulator valve Patent [MASA-CASE-XNP-001152]  High pressure regulator valve Patent [MASA-CASE-XNP-00710]  Filler valve Patent [MASA-CASE-XNP-007717]  GICKAY, C. A.  Quick disconnect latch and handle combination Patent [MASA-CASE-NP-01747]  GASA-CASE-NP-01747]  GASA	Azinuth laying system Patent [MASA-CASE-KHF-01669]  EMDDRIKORD, J.  Bethod of Daking a silicon semiconductor device Patent [MASA-CASE-KLE-02792]  EMASA-CASE-KLE-02792]  C26 M71-10607  Bethod of Daking electrical contact on silicon solar cell and resultant product Patent [MASA-CASE-KLE-04787]  Gd or Sn doped silicon semiconductor composition Patent [MASA-CASE-KLE-10715]  Silicon solar cell with cover glass bonded to cell by metal pattern Patent [MASA-CASE-KLE-08569]  Semiconductor material and method of making same Patent [MASA-CASE-KLE-02798]  Bethod of attaching a cover glass to a silicon solar cell Patent [MASA-CASE-KLE-08569-2]  BAMBGION, C.  System for preconditioning a combustible vapor [MASA-CASE-KLE-08569-2]  BAMBGION, C.  System for preconditioning a combustible vapor [MASA-CASE-MPO-12072]  EACOLD, D. H.  Hedical subject monitoring systems [MASA-CASE-KLE-10894-1]  EMASA-CASE-KLE-10894-1]  EMASA-CASE-KLE-07390]  C15 M71-18616  BANDUING, C. R., JR.  Controlled glass bead peening Patent [MASA-CASE-KLA-07390]  EMBOLL, R.  Aircraft-mounted grash-activated radio device [MASA-CASE-KLA-07390]  EMBOLL, R.  Servo-controlled intravital microscope system [MASA-CASE-FILA-07390]  EMDILLER, R. L.  Bocket propellant injector Patent

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Analog-to-digital conversion system Patent	[NASA-CASE-MFS-21394-1] c12 N72-27310 Electrophoretic sample insertion
[ NASA-CASE-XAC-00404 ]	I NASA-CASE-MPS-21395-11 c1n w72-27625
Bi-polar phase detector and corrector for split	HCCUSKER, To J.
phase PCH data signals Patent	Foldable solar concentrator Patent
[NASA-CASE-XGS-01590] c07 N71=12392	[NASA-CASE-XLA-04622] c03 N70-41580
Radio frequency coaxial high pass filter Patent	Reinforced metallic composites Patent
[NASA-CASE-XGS-01418] c09 N71-23573	[NASA-CASE-XLE-02428] c17 N70-33200
A laser head for simultaneous optical pumping of	Method of making fiber reinforced metallic
several dye lasers	COmposites Patent
[NASA-CASE-LAR-11341-1] c16 N73-25564	[NASA-CASE-XLE-00231] c17 N70-38198 Reinforced metallic composites Patent
SCERAYER, R. O.	[ MASA-CASE-XLE-00228 ] c17 N70-38490
Soft frame adjustable eyeglasses Patent [NASA-CASE-IMS-06064] c05 N71-23096	HCDARIS, R. A.
[NASA-CASE-XMS-06064] c05 N71-23096	Emergency escape system Patent
Ion-exchange membrane with platinum electrode	[NASA-CASE-XKS-07814] c15 N71-27067 HCDAVID, L. S.
assembly Patent	Specific wavelength colorimeter
[NASA-CASE-XMS-02063] c03 N71-29044	NASA+CASE-MSC=14081=11
CERVAR, Ha Oxygen production method and apparatus	HCDBRHOND, D. K.
[NASA-CASE-MSC-12332-1] c15 N72-15476	Synchronous counter Patent
Reconstituted asbestos matrix	[NASA-CASE-IGS-02440] c08 N71-1943_ HCDEVITT, P. R.
[NASA-CASE-MSC-12568-1] c18 N73-16577	Laser coolant and ultraviolet filter
CCAIG, J. C.  Blectric arc welding Patent	[NASA=CASE=HFS=20180] c16 k72=12440
[NASA-CASE-XBP-00392] c15 N70-34814	ECDONALD, G. B.
CCALLOR, J.	Nuclear fuel elements
Porus electrode comprising a bonded stack of	[ NASA-CASE-XLE-00209 ] C22 N73-32528 HCDOMALD, R. T.
pieces of corrugated metal foil	System for communicating blomedical information
[NASA-CASE-GSC-11368-1] c09 N73-32108	WI WEEDS OF UDBOGLILED CONVENTIONAL World
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[NASA-CASE-FRC-10031] Gas low pressure low flow rate meter	c05 N70-20717	MCRONALD, A. G. Thin-film gauge Patent Application	
Patent	ring Bysecm		N70-12618
[ NASA-CASE-FRC-10022 ]	c12 N71-26546	MCWILLIAMS, I. G.	
Respiration monitor		Two color horizon sensor	
[NASA-CASE-FRC-10012]	c14 N72-17329		N72-25409
MCDOUGAL, A. R.	en+	MBAD, D. C. Variable frequency oscillator with temper	stura
Force-balanced, throttle valve Pate [NASA-CASE-NPO-10808]	c15 N71-27432	compensation Patent	
Quick disconnect coupling			N71-28810
[NASA-CASE-NPO-11202]	c15 N72-25450	HRADOR, T. G., JR.	
Rotary actuator	74 1173 44055	Light shield and cooling apparatus	N22 421/76
[NASA-CASE-NPO-10680]	c31 N73-14855	[NASA-CASE-LAR-10089-1] c15 HEALY, G. E.	N73-13474
Disconnect unit [NASA-CASE-NPO-11330]	c33 N73-26958	Electrostatic thrustor with improved insu	lators
MCERLEAN, E. A.		Patent	
Improved bonding method in the manu:	facture of		N71-10574
continuous regression rate sensor		High voltage divider system Patent	
[NASA-CASE-LAR-10337-1] MCGANHON, W. J.	c15 N74-14141	[NASA-CASE-XLE-02008] c09 HEDCALF, W. A.	พ71-21583
Ophthalmic method and apparatus		Gas filter mounting structure	
[NASA-CASE-LEW-11669-1]	c05 N73-27062		N72-23457
Ophthalmic liquefaction pump		HRINTEL, A. J., JR.	
[NASA-CASE-LEW-12051-1]	c04 N73-32000	Combined optical attitude and altitude	
Frangible tube energy dissipation	Patent	indicating instrument Patent [NASA-CASE-XLA-01907] c14	N71-23268
[NASA-CASE-XLA-00754]	c15 N70-34850	MEISENHOLDER, G. W.	
Omnidirectional multiple impact land		Photosensitive device to detect bearing	
Patent	24 474 47025	deviation Patent	**70 25000
[NASA-CASE-XLA-09881]	c31 N71-16085	[NASA-CASE-XNP-00438] C21 Roll attitude star sensor system Patent	N70-35089
MCGOUGE, J. T. Emergency escape system Patent			N70-41856
[NASA-CASE-XKS-07814]	c15 N71-27067	MEISSINGER, H. F.	
MCHAPFIE, D. J.		Method of and device for determining the	_
Extensible cable support Fatent	-45 974 40704	characteristics and flux distribution o	f
[NASA-CASE-XMF-07587] MCHATTON, A. D.	c15 N71-18701	micrometeorites [NASA-CASE-NPO-12127-1] c14	N74-13130
Canister closing device Patent		MELAMED, L.	2.14 13.150
[ NASA-CASE-KLA-01446 ]	c15 N71-21528	Angular velocity and acceleration measuri	ng
Traveling sealer for contoured table		apparatus	*********
[NASA-CASE-XLA-01494] BCHEBRY, T. F.	c15 N71-24164	[NASA-CASE-ERC-10292] c14 HELFI, L. T., JR.	N72-25410
Miniature carbon dioxide sensor and	nethods	Gas analyzer for bi-gaseous mixtures Pat	ent
[ HASA-CASE-MSC-13332-1 ]	c14 N72-21408		N71-10774
ACKAY, D. S.	+ u ~	Ionization vacuum gauge with all but the	end of
Oxygen production method and appara [NASA-CASE-MSC+12332-1]	cus c15 N72-15476	the ion collector shielded Patent [NASA-CASE-XLA-07424] c14	N71-18482
MCKENNA, J. Pa, JR.		HELUGIN, J. F.	
Fault-tolerant clock apparatus		Technique for recovery of voice data from	heat
[NASA-CASE-MSC-12531-1] MCKENZIE, R. L.	c14 N73-22386	damaged magnetic tape [NASA-CASE-MSC-14219-1] c07	N73-16132
Diatomic infrared gasdynamic laser		ABNEFER, E. O.	175 70132
[ NASA-CASE-ARC-10370-1]	c16 N72-10432	Three-axis controller Patent	
MCKEVITT, P. X.			N70-41581
Swirling flow nozzle Patent	c28 N71-24321	Proportional controller Patent	N70-41954
[NASA-CASE-XNP-03692] MCKINNEY, R. L.	C26 N/1-24321	[NASA-CASE-XAC-03392] c03 HENGES, M. J.	1110-41334
Self-calibrating displacement trans	ducer Patent	Precipitation detector Patent	
[NASA-CASE-KLA-00781]	c09 N71-22999		N71-26334
BCKINNON, R. A.	mbina bladua	Dielectric molding apparatus Patent	n74_06704
External liquid-spray cooling of tu- Patent	roine brades	[NASA-CASE-LAR-10121-1] c15  MENICHELLI, V. J.	N71-26721
[NASA-CASE-XLE-00037]	c28 N70-33372	Optically detonated explosive device	
HCLAIN, J. H.	•		N73-29959
Air bearing Patent	-45 -774 40647	MBNZIES, R. T.	
[NASA-CASE-XMF-01887] MCLAUCHLAN, J. H.	c15 N71-10617	Monitoring atmospheric pollutants with a beterodyne radiometer transmitter-recei	Vor
Horizon sensor with a plurality of	fixedly		N74-11284
positioned radiation compensated:		MERLEN, M. M.	
sensitive detectors Patent	45 74 4	Horizon sensor with a plurality of fixedl	
[NASA-CASE-XNP-06957] Light position locating system Pat	c14 N71-21088	positioned radiation compensated radiat sensitive detectors Patent	1 0n
[NASA-CASE-XNP-01059]	C23 N71-21821		N71-21088
MCLEAN, F. R.		MERRICK, V. K.	
Supersonic aircraft Patent		Stabilization of gravity oriented satelli	tes
[NASA-CASE-XLA-04451] MCLYHAN, C. W. T.	c02 N71-12243	Patent	N71-17729
Inverter oscillator with voltage fe	edback	[NASA-CASE-XAC-01591] c31 MERRILL, J. R., IV	17723
[ NASA-CASE-NPO-10760 ]	c09 N72-25254	Apparatus for applying simulated G-forces	to an
BCLYMAN, W. T.		arm of an aircraft simulator pilot	NTO 000T4
Banded transformer cores [NASA-CASE-NPO-11966-1]	c09 N74-17928	[NASA-CASE-LAR-10550-1] c11 messher, a.	N72-27271
HCHASTER, L. R.	-V3 BIT 11360	A system for generating timing and contro	l signals
Meteoroid detector			N73-18225
[NASA-CASE-LAR-10483-1]	c14 N73-32327	MESZAROS, G.	
BCNUTT, W. C. Dual latching solenoid walve Paten	+	Recovery of radiation damaged solar cells through thermal annealing	
[NASA-CASE-XMS-05890]	c09 N71-23191		N72-11062

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Silicide coatings for refractory met [NASA-CASE-XLE-10910]	als Patent c18 N71-29040	Controllers Patent [NASA-CASE-XMS-07487]	c15 N71-23255
HETZGER, A. B.		HILLER, R. B.	0.2 47, 23233
Dual purpose optical instrument capa	ble of	Compensating radiometer	a10 NCO 2740h
simultaneously acting as spectrome diffractometer	ter and	[NASA-CASE-XLA-04556] Heat sensing instrument Patent	c14 N69-27484
(NASA-CASE-INP-05231)	c14 N73-28491	(NASA-CASE-XLA-01551)	c14 N71-22989
HBTZLER, A. J. Black-body furnace Patent		Spherical measurement device [NASA-CASE-XLA-06683]	c14 N72-28436
[ NASA-CASE-XLE-01399 ]	c33 N71-15625	GILLER, J. A., JR.	C14 B72-20436
HEYER, A. J.		Method of forming difunctional polyi	
Oxygen production method and apparat [NASA-CASE-MSC-12332-1]	us c15 N72-15476	[NASA-CASE-NPO-10893] HILLER, J. C.	c27 N73-22710
HEYER, A. J., JR.		Apparatus for detecting the amount o	
Modification and improvements to coo Patent	led blades	in a resonant cavity container Pa [NASA-CASE-INP-02500]	tent c18 N71-27397
[NASA-CASE-XLE-00092]	c15 N70-33264	HILLER, J. B.	C10 111-27391
Aerial capsule emergency separation [NASA-CASE-XLA-00115]		Satellite interlace synchronization	
Space capsule Patent	c03 N70-33343	[NASA-CASE-GSC-10390-1] HILLER, J. L.	c07 N72-11149
[NASA-CASE-XLA-00149]	c31 N70-37938	Boring bar drive mechanism Patent	
Vehicle parachute and equipment jett Patent	ison system	[NASA-CASE-XLA-03661] HILLER, P. C.	c15 N71-33518
[NASA-CASE-XLA-00195]	c02 N70-38009	Low temperature aluminum alloy Pate	nt
Ablation structures Patent [NASA-CASE-XHS-01816]	c33 N71-15623	[NASA-CASE-INF-02786]	c17 N71-20743
Space capsule Patent	COJ B71 15025	Digital memory sense amplifying mean.	s Patent
[NASA-CASE-XLA-01332]	c31 N71-15664	[NASA-CASE-XNP-01012]	c08 N71-28925
Altitude sensing device		Film feed camera having a detent mea	ng Patont
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[NASA-CASE-XNP-00431]	c09 N70-38998	Linear differential pressure sensor [NASA-CASE-XMF-01974]	c14 N71-22752
BEYER, K. A.		HILLS, C. E.	
High-temperature, high-pressure sphe segment valve Patent	ricai	Telemetry processor [NASA-CASE-GSC-11388-1]	c07 N73-24187
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Hissile stage separation indicator a initiator Patent	nd stage	coupling network for beam switching	g Patent
[NASA-CASE-XLA-00791]	c03 N70-39930	[NASA-CASE-GSC-10220-1] HILLS, S. H.	c07 N71-27233
HICHABL, J. L.		Transient-compensated SCR inverter	
Telemetry processor [NASA-CASE-G5C-11388-1]	c07 N73-24187	[NASA-CASE-XLA-08507] Apparatus for microbiological sampli	c09 N69-39984
EICHEL, R. E.	•	[NASA-CASE-LAR-11069-1]	C04 N73-16061
Convoluting device for forming convo- the like Patent	lutions and	Automatic inoculating apparatus	-05 273 46006
	c15 N71-23811	[NASA-CASE-LAR-11074-1] Automatic microbial transfer device	c05 N73-16096
High-vacuum condenser tank for ion re		[NASA-CASE-LAR-11354-1]	c14 N74-10422
Patent	ocket tests	BILLY, J. J. Satellite despin device Patent	
[NASA-CASE-XLE-00168]	c11 N70-33278	[ NASA-CASE-XMF-08523 ]	c31 N71-20396
Electrostatic propulsion system with nuclear electrogenerator Patent	a direct	Liquid flow sight assembly Patent	
[NASA-CASE-XLE-00818]	c22 N70-34248	[ NASA-CASE-XLE-02998 ]	c14 N70-42074
Technique for extending the frequence	range of	BIBOTT, P. O.	
digital dividers	, talge of	Retrodirective optical system [NASA-CASE-XGS-04480]	c16 N69~27491
	c10 N74-10223	Retrodirective modulator Patent	
Cryogenic thermal insulation Patent		[NASA-CASE-GSC-10062] HITCHELL, D. R.	c14 N71~15605
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Supersonic aircraft Patent		[NASA-CASE-MFS-15162] HITCHELL, F. R.	c14 N72~32452
[NASA-CASE-XLA-04451]	c02 N71-12243	Attitude control for spacecraft Pate	ent
RIBRISCHIN, J. L. Radio frequency filter device		[NASA-CASE-KNP-00294] BITCHELL, G. A.	c21 N70-36938
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HIKSZAN, D. P.		[ NASA-CASE-LEH-11188-1 ]	CO2 N74-20646
Prequency shift keying apparatus Pat [NASA-CASE-XGS-01537]	c07 N71-23405	HITCHELL, N. N.  Bethod and apparatus for detection as	id location
HILDICE, J. H.		of microleaks Patent	•
Light radiation direction indicator to baffle of two parallel grids	TIU 4	[NASA-CASE-XMF-02307] HITCHELL, % H.	c14 N71-10779
[ NASA-CASE- XMP-03930 ]	c14 N69-24331	Digital cardiotachometer system Pate	
Clear air turbulence detector		[ NASA-CASE-XHS-02399 ]	c05 N71-22896
	c20 N73-21523	Collapsible loop antenna for space ve	hicle Patent
Densitometer Patent		[NASA-CASE-XMP-00437]	c07 N70-40202
	c14 H70~41330	Ring wing tension vehicle Patent	
HILLER, C. G. Improved dispensing targets for ion 1	0025	[NASA-CASE-XLA-04901]	c31 ¥71-24315
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Electro-thermal rocket Patent	Thin-walled pressure vessel Patent
[NASA-CASE-XLE-00267] c28 N70-33356	[NASA-CASE-XLE-04677] c15 N71-10577
MOEDS, L. W. Wide range analog-to-digital converter with a	MORISSETTE, S. Junction range finder
variable gain amplifier	[NASA-CASE-KSC-10108] c14 N73-25461
[NASA-CASE-NPO-11018] c08 N72-21200	MOERELL, G.
Digital control and information system [NASA-CASE-NPO-11016] c08 N/2-31226	Method for continuous variation of propellant flow and thrust in propulsive devices Patent
HOEN, W. K.	[NASA-CASE-#LE-00177] c28 N70-40367
Self-cycling fluid heater	HORRIS, D. E.
[NASA-CASE-MSC-15567-1]	Silphenylenesiloxane polymers having in-chain perfluoroalkyl groups
Image magnification adapter for cameras Patent	[NASA-CASE-MPS-20979] c06 N72-25151
[NASA-CASE-XMF-03844-1] c14 N71-26474	Polymerizable disilanols having in-chain
Muclear thermionic converter	perfluoroalkyl groups [NASA-CASE-MFS-20979-2] c06 M73-32030
[ NASA-CASE-NPO-13121-1] C22 N73-12702	HORRIS, J. P.
HOMFORD, L. G., JR.	Probes having ring and primary sensor at same
Radiometric temperature reference Patent	potential to prevent collection of stray wall
[NASA-CASE-MSC-13276-1] C14 N71-27058 Digital communication system	currents in ionized gases [NASA-CASE-XLE-00690] c25 N69-39884
[NASA-CASE-USC-13912-1] C07 N73-12151	MORRIS, J. R.
Binary concatenated coding system	Difference circuit Patent
[NASA-CASE-MSC-14082-1] c08 N73-16163 Multifunction audio digitizer	[NASA-CASE-INP-08274] c10 N71-13537 MORRISON, 6. D.
[NASA-CASE-MSC-13855-1] C07 N74-17885	Anti-fog composition .
MONTEITH, J. H.	[NASA-CASE-MSC-13530-2] c06 N73-11107
Flow velocity and directional instrument [NASA-CASE-LAR-10855-1] c14 N73-13415	MORSE, C. P. Method and device for cooling Patent
MONTGOMERY, L. C.	[NASA-CASE-HQN-00938] c33 N71-29053
Process for preparing sterile solid propellants	HORTENSEN, L. O.
Patent   G27 N70-41897   Fatent   G27 N70-41897	Impact monitoring apparatus [NASA-CASE-NSC-15626-1] c14 N72-25411
[NASA-CASE-INP-01749] c27 N70-41897 Processing for producing a sterilized instrument	[NASA-CASE-NSC-15626-1] c14 N72-25411 MOSER, B. G.
Patent	Zeta potential flowmeter Patent
[NASA-CASE-XNP-09763] c14 N71-20461	[NASA-CASE-XNP-06509] C14 N71-23226
HOORE, C. D. Waveform simulator Patent	Method for controlling wapor content of a gas [NASA-CASE-NPO-10633] c03 N72-28025
[NASA-CASE-NPO-10251] c10 N71-27365	MOSER, J. C.
MOORE, H. D.	Blectronic checkout system for space vehicles
Reversible ring counter employing cascaded single SCR stages Patent	Patent [NASA-CASE-XKS-08012-2]
[NASA-CASE-XGS-01473] c09 N71-10673	MOSIBR, B.
MOORE, R. L.	Pressed disc type sensing electrodes with ion-
Trigonometric vehicle guidance assembly which aligns the three perpendicular axes of two	screening means Patent [NASA-CASE-XMS-04212-1] c05 N71-12346
three-axes systems Patent	Plated electrodes Patent
[NASA-CASE-XMF-00684] c21 N71-21688	[NASA-CASE-XMS-04213-1] C09 N71-26002
Rotary actuator [NASA-CASE-NPO-10680] c31 N73-14855	Method of making a perspiration resistant biopotential electrode
MOORE, T. J.	[NASA-CASE-MSC-90153-2] c05 N72-25120
Welding blades to rotors	MOSIER, J. R.
[NASA-CASE-LEW-10533-1] c15 N73-28515 Bundanced diffusion welding	Decontamination of petroleum products Patent [NASA-CASE-XNP-03835] c06 N71-23499
[NASA-CASE-LEW-11388-1] c15 N73-32358	BOUNTVALA, A. J.
Production of hollow components for rolling	Lightweight refractory insulation and method of
element bearings by diffusion welding [NASA-CASE-LEW-11026-1] c15 N73-33383	preparing the same Patent [NASA-CASE-XMF-05279] c18 N71-16124
Apparatus for welding blades to rotors	HOYER, I. No
[NASA-CASE-LEW-10533-2] c15 N74-11300	Redundant actuating mechanism Patent
Diffusion welding in air [NASA-CASE-LEW-11387-1] c15 N74-18128	[NASA-CASE-XGS-08718] c15 N71-24600 Delayed simultaneous release mechanism
MOORE, F. A.	[NASA-CASE-GSC-10814-1] c03 N73-20039
Journal bearings	MUEHTER, P. P.
[NASA-CASE-LEW-11076-2] c15 N73-20533 Journal bearings	An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] cos n74-17858
[NASA-CASE-LEW-11076-3] c15 N74-10475	MUGLER, S. W.
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[NASA-CASE-LEW-11076-4] c15 N74-18134 Journal bearings	[NASA-CASE-XLA-02619] c10 N71-26334 MULHERN, J. R., JR.
[NASA-CASE-LEW-11076-1] c15 N74-21061	Recorder using selective noise filter
HORANDO, J. A.	[NASA-CASE-ERC-10112] c07 N72-21119
Hydraulic transformer Patent [NASA-CASE-MFS-20830] c15 N71-30028	MULLEW, D. L.  Matched thermistors for microwave power meters
MORDECAI, T. T.	Patent
Method of recording a gas flow pattern Patent	[NASA-CASE-NPO-10348] c10 N71-12554
[NASA-CASE-XMF-01779] c12 N71-20815 HORECBOFT, J. H.	Broadband microwave waveguide window Patent [NASA-CASE-XNP-08880] co9 N71-24808
Incremental motion drive system Patent	MULLEN, L. O.
[NASA-CASE-XNP-08897] c15 N71-17694 HORELLI, F. A.	Electrical insulating layer process
Process for preparing sterile solid propellants	[NASA-CASE-LEW-10489-1] c15 N72-25447 MULLIKEN, R. F.
Patent	Method of repairing discontinuity in fiber glass
[NASA-CASE-XNP-01749] c27 N70-41897	structures
Processing for producing a sterilized instrument Patent	[NASA-CASE-LAR-10416-1] c15 B72-27527 HUMOLA, P. B.
[NASA-CASE-XNP-09763] c14 k71-20461	A laser head for simultaneous optical pumping of
	several dye lasers

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[NASA-CASE-LAR-11341-1] c16 N73-25564 HUNOZ, R. H.	Single grid accelerator for an ion thrustor [NASA-CASE-XLE-10453-2] c28 M73-27699
High efficiency multivibrator Patent	DAKICH, R. B.
[NASA-CASE-NAC-00942] c10 N71-16042	Digital servo control of random sound test
Nonlinear analog-to-digital converter Patent	excitation
[NASA-CASE-XAC-04031] c08 N71-18594	[NASA-CASE-NPO-11623-1] c23 N72-25628
Demodulation system Patent	Apparatus for scanning the surface of a
[NASA-CASE-XAC-04030] c10 N71-19472	cylindrical body
Phase quadrature-plural channel data	[NASA-CASE-NPO-11861-1] c14 N74-20009
transmission system Fatent	DAUCE, H. H.
[NASA-CASE-XAC-06302] c08 N71-19763	A dc motor speed control system Patent
Continuous Fourier transform method and apparatus	[NASA-CASE-MFS-14610] c09 N71-28886
[NASA-CASE-ARC-10466-1] c08 N73-21199	MAPLES, J. P.
HUNSON, R. R.	Hethod for forming plastic materials Patent
Turnstile slot antenna	[NASA-CASE-XMS-05516] C15 N71-17803
[NASA-CASE-GSC-11428-1] - c09 N74-20864	PASON, G. H.
HURACA, R. P.	Flexible blade antenna Patent
Apparatus for testing polymeric materials Patent	[NASA-CASE-HSC-12101] G09 N71-18720
[NASA-CASE-XNP-09699] c06 N71-24607	CASUTI, A. J.
Procedure and apparatus for determination of	Test fixture for pellet-like electrical elements
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Metal containing polymers from cyclic tetrameric	[NASA-CASE-XNP-06031] c15 N71-15606
Phenylphosphonitrilamides Patent	Patigue testing device Patent
[NASA-CASE-HQN-10364] c06 N71-27363	[NASA-CASE-XLA-02131] c32 N70-42003
HURPHY, A. J.	Automatic fatigue test temperature programmer
Optically actuated two position mechanical mover	Patent
[NASA-CASE-NPO-13105-1] c15 N74-21060	[NASA-CASE-XLA-02059] c33 N71-24276
HURPHY, A. J., JR.	Arbitrarily shaped model survey system Patent
Disconnect unit	[NASA-CASE-LAR-10098] c32 N71-26681
[NASA-CASE-NPO-13172-1] c33 N73-17917	Function generator for synthesizing complex
HURPHY, D. H.	vibration mode patterns
Frangible link	[NASA-CASE-LAR-10310-1] C10 N73-20253
[NASA-CASE-HSC-11849-1] c15 N72-22488	DAUGABE, R. J.
HORPHY, P. L.	Liquid aerosol dispenser
Bimetallic power controlled actuator	[NASA-CASE-MFS-20829] c12 N72-21310
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HUBPRY, J. P.	Emergency escape system Patent
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HORPHY, U. J. Barium release system	Combustion detector [NASA-CASE-LAR-10739-1] c14 N73-16484
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Barium release system	Deflective rod switch with elastic support and
[NASA-CASE-LAR-10670-1] c06 N73-30097	sealing means Patent
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Concave grating spectrometer Patent [NASA-CASE-XGS-01036] c14 N70-40003 BUSICK, B. 0. Two-axis controller Patent	UELSON, B. U. Optical machine tool alignment indicator Patent [NASA-CASE-XAC-09489-1] c15 N71-26673 DELSON, C. A.
Concave grating spectrometer Patent [NASA-CASE-XGS-01036] c14 N70-40003  BUSICK, B. O. THO-axis controller Patent [NASA-CASE-XFR-04104] c03 N70-42073	UELSOE, B. U. Optical machine tool alignment indicator Patent [NASA-CASE-XAC-09489-1] c15 N71-26673 DELSON, C. A. Flipflop interrogator and bi-polar current
Concave grating spectrometer Patent [NASA-CASE-XGS-01036] c14 N70-40003  HUSICK, Ro Oo THO-axis controller Patent [NASA-CASE-XFR-04104] c03 N70-42073  HUSSRTT, Ro Ho	UELSON, B. U. Optical machine tool alignment indicator Patent [NASA-CASE-XAC-09489-1] c15 N71-26673 UELSON, C. A. Flipflop interrogator and bi-polar current driver Patent
Concave grating spectrometer Patent [NASA-CASE-XGS-01036] c1% N70-40003  BUSICK, R. O. TWO-axis controller Patent [NASA-CASE-XFR-04104] c03 N70-42073  BUSSRTT, R. U. Device for separating occupant from an ejection	UELSOB, B. B. Optical machine tool alignment indicator Patent [NASA-CASE-XAC-09489-1] c15 N71-26673  NELSON, C. A. Flipflop interrogator and bi-polar current driver Patent [NASA-CASE-XGS-03058] c10 N71-19547
Concave grating spectrometer Patent [NASA-CASE-XGS-01036] c14 N70-40003  BUSICK, R. 0. Two-axis controller Patent [NASA-CASE-XFR-04104] c03 N70-42073  BUSSETT, R. U. Device for separating occupant from an ejection seat Patent	UELSOE, B. U. Optical machine tool alignment indicator Patent [NASA-CASE-XAC-09489-1] c15 N71-26673  BELSOE, C. A. Flipflop interrogator and bi-polar current driver Patent [NASA-CASE-XES-03058] c10 N71-19547  BELSOE, C. H.
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Concave grating spectrometer Patent [NASA-CASE-XGS-01036] c1% N70-40003  BUSICK, R. O. TWO-axis controller Patent [NASA-CASE-XFR-04104] c03 N70-42073  BUSSETT, E. H. Device for separating occupant from an ejection seat Patent [NASA-CASE-XMS-04625] c05 N71-20718  BYERS, D. A.	UELSOE, B. B. Optical machine tool alignment indicator Patent [NASA-CASE-XAC-09489-1] c15 N71-26673  BELSOE, C. A. Flipflop interrogator and bi-polar current driver Patent [NASA-CASE-XGS-03058] c10 N71-19547  BELSOE, C. H. Ablation sensor [NASA-CASE-XIA-01781] c14 N69-39975
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Concave grating spectrometer Patent [NASA-CASE-XGS-01036] c1% N70-40003  BUSICK, R. O.  TWO-axis controller Patent [NASA-CASE-XFR-04104] c03 N70-42073  BUSSETT, B. U.  Device for separating occupant from an ejection seat Patent [NASA-CASE-XMS-04625] c05 N71-20718  BYERS, D. A.  Portable environmental control system Patent [NASA-CASE-XMS-09632-1] c05 N71-11203  BYERS, U. N.  Duct coupling for single-handed operation Patent	UELSOE, B. C. Optical machine tool alignment indicator Patent [NASA-CASE-XAC-09489-1] c15 N71-26673  NELSON, C. A. Flipflop interrogator and bi-polar current driver Patent [NASA-CASE-XGS-03058] c10 N71-19547  NELSOE, C. H. Ablation sensor [NASA-CASE-XIA-01781] c14 N69-39975  Reentry communication by material addition Patent
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Concave grating spectrometer Patent [NASA-CASE-XGS-01036] c1% N70-40003  BUSICK, R. O.  TWO-axis controller Patent [NASA-CASE-XFR-04104] c03 N70-42073  BUSSETT, B. U.  Device for separating occupant from an ejection seat Patent [NASA-CASE-XMS-04625] c05 N71-20718  BYERS, D. A.  Portable environmental control system Patent [NASA-CASE-XMS-09632-1] c05 N71-11203  BYERS, U. N.  Duct coupling for single-handed operation Patent	UELSOE, B. B. Optical machine tool alignment indicator Patent [NASA-CASE-XAC-09489-1] c15 N71-26673  BELSON, C. A. Flipflop interrogator and bi-polar current driver Patent [NASA-CASE-XES-03058] c10 N71-19547  BELSOE, C. H. Ablation sensor [NASA-CASE-XLA-01781] c14 N69-39975  Reentry communication by material addition Patent [NASA-CASE-XLA-01552] c07 N71-11284  BELSOE, D. E. Convoluting device for forming Convolutions and the like Patent
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[BASA-CASE-GSC-11619-1] C33 N73-32828  OLLING, B. H. Radial nodule space station Patent  [BASA-CASE-KHS-01906] C31 N70-41373  OLSASKY, E. J.  Laser canera and diffusion filter therefore Patent  [NASA-CASE-NP0-10417] C16 N71-33410  OLSRU, W. L.  Hot wire liquid level detector for cryogenic fluids Patent  [NASA-CASE-XLE-00454] C23 N71-17802  OLSEB, H. D., JB.  Reduced gravity liquid configuration simulator  [BASA-CASE-XLE-02624] C12 N69-39988  OLSOW, B. T.  Inlet deflector for jet engines Patent  [BASA-CASE-XLE-00388] C28 N70-34788  OLTHANS, D. A.  Batched thermistors for microwave power meters	Insitu transfer standard for utlrahigh vacuum gage calibration [WASA-CASE-LAR-10862-1] c14 N74-15092  PACKARD, R. D. Seniconductor surface protection daterial [BASA-CASE-ERC-10339-1] c18 N73-30532  PADILLA, D. Piber separating and cleaning dethod and apparatus [NASA-CASE-LAR-11224-1] c15 N74-20072  PAIK, S. P. Parametric dicrovave noise generator [NASA-CASE-KER-11019]  PAIK, H. G.
[BASA-CASE-GSC-11619-1] C33 N73-32828  OLLING, B. N.  Radial nodule space station Patent [BASA-CASE-XHS-01906] C31 N70-41373  OLSASKY, E. J.  Laser canera and diffusion filter therefore Patent [NASA-CASE-NPO-10417] C16 N71-33410  OLSRD, W. L.  Hot wire liquid level detector for cryogenic fluids Patent [NASA-CASE-XLE-00454] C23 N71-17802  OLSED, B. D. D., JB.  Reduced gravity liquid configuration simulator [BASA-CASE-XLE-02624] C12 N69-39988  OLSON, B. T.  Inlet deflector for jet engines Patent [BASA-CASE-XLE-00388] C28 N70-34788  OLTHADS, D. A.  Batched thermistors for microwave power meters Patent	Insitu transfer standard for utlrahigh vacuum gage calibration [NASA-CASE-LAR-10862-1] c14 N74~15092  PACHARD, R. D. Seniconductor surface protection daterial [NASA-CASE-ERC-10339-1] c18 N73~30532  PADILLA, D. Piber separating and cleaning method and apparatus [NASA-CASE-LAR-11224-1] c15 N74-20072  PAIK, S. F. Parametric microwave noise generator Patent [NASA-CASE-KER-11019] c09 N71-23598  Apparatus for recovering matter adhered to a host surface
[BASA-CASE-GSC-11619-1] c33 N73-32828  OLLING, B. B. Radial codule space station Patent [BASA-CASE-KHS-01906] c31 N70-41373  OLSASKY, E. J. Laser camera and diffusion filter therefore Patent [NASA-CASE-NPO-10417] c16 N71-33410  OLSED, E. L. Hot wire liquid level detector for cryogenic fluids Patent [NASA-CASE-XLE-00454] c23 N71-17802  OLSED, E. D., JB. Reduced gravity liquid configuration simulator [NASA-CASE-XLE-02624] c12 N69-39988  OLSON, E. T. Inlet deflector for jet engines Patent [NASA-CASE-XLE-00388] c28 N70-34788  OLTHANS, D. A. Batched thermistors for microwave power meters Patent [NASA-CASE-NPO-10348] c10 N71-12554	Insitu transfer standard for utlrahigh vacuum gage calibration [NASA-CASE-LAE-10862-1] c14 N74-15092  PACKARD, R. D. Seniconductor surface protection naterial [NASA-CASE-ERC-10339-1] c18 N73-30532  PADILLA, D. Fiber separating and cleaning method and apparatus [NASA-CASE-LAR-11224-1] c15 N74-20072  PAIR, S. P. Parametric microwave noise generator Patent [NASA-CASE-KER-11019] c09 N71-23598  PAIR, E. U. Apparatus for recovering natter adhered to a host surface [NASA-CASE-NPO-11213] c15 N73-20514
[BASA-CASE-GSC-11619-1]  C33 N73-32828  OLLING, B. H.  Radial nodule space station Patent  [MASA-CASE-KHS-01906]  C31 N70-41373  OLSASKY, H. J.  Laser canera and diffusion filter therefore Patent  [MASA-CASE-MPO-10417]  C16 N71-33410  OLSRU, H. A.  Rot wire liquid level detector for cryogenic  fluids Patent  [MASA-CASE-XLE-00454]  C23 N71-17802  OLSEB, H. A., JB.  Reduced gravity liquid configuration simulator  [MASA-CASE-LE-02624]  C1800, H. T.  Inlet deflector for jet engines Patent  [MASA-CASE-XLE-00388]  C28 W70-34788  OLTRANS, D. A.  Batched thermistors for microwave power meters  Patent  [MASA-CASE-MPO-10348]  C10 N71-12554  OUBILL, R. C.	Insitu transfer standard for utlrahigh vacuum gage calibration [MASA-CASE-LAR-10862-1] c14 N74-15092  PACKARD, R. D. Seniconductor surface protection paterial [BASA-CASE-ERC-10339-1] c18 N73-30532  PADILLA, D. Fiber separating and cleaning bethod and apparatus [NASA-CASE-LAR-11224-1] c15 N74-20072  PAIK, S. P. Parametric microwave noise generator [NASA-CASE-KER-11019] rounded to a comparatus for recovering batter adhered to a host surface [NASA-CASE-NPO-11213] c15 N73-20514
[BASA-CASE-GSC-11619-1] c33 N73-32828  OLLING, B. B. Radial codule space station Patent [BASA-CASE-KHS-01906] c31 N70-41373  OLSASKY, E. J. Laser camera and diffusion filter therefore Patent [NASA-CASE-NPO-10417] c16 N71-33410  OLSED, E. L. Hot wire liquid level detector for cryogenic fluids Patent [NASA-CASE-XLE-00454] c23 N71-17802  OLSED, E. D., JB. Reduced gravity liquid configuration simulator [NASA-CASE-XLE-02624] c12 N69-39988  OLSON, E. T. Inlet deflector for jet engines Patent [NASA-CASE-XLE-00388] c28 N70-34788  OLTHANS, D. A. Batched thermistors for microwave power meters Patent [NASA-CASE-NPO-10348] c10 N71-12554	Insitu transfer standard for utlrahigh vacuum gage calibration [MASA-CASE-LAR-10862-1] c14 N74-15092  PACKARD, R. D. Seniconductor surface protection daterial [BASA-CASE-ERC-10339-1] c18 N73-30532  PADILLA, D. Piber separating and cleaning dethod and apparatus [NASA-CASE-LAR-11224-1] c15 N74-20072  PAIK, S. F. Parametric microwave noise generator [NASA-CASE-KER-11019] roop N71-23598  PAIK, H. B. Apparatus for recovering datter adhered to a host surface [NASA-CASE-NPO-11213] c15 N73-20514  PAIUTER, J. H. Anti-multipath digital signal detector
(BASA-CASE-GSC-11619-1]  CLLIEG, B. H.  Radial nodule space station Patent  (MASA-CASE-KHS-01906]  C31 M70-41373  OLSASKY, H. J.  Laser canera and diffusion filter therefore Patent  [MASA-CASE-MP0-10417]  C18 N71-33410  OLSRU, H. A.  Hot wire liquid level detector for cryogenic  fluids Patent  (MASA-CASE-XLE-00454]  C23 M71-17802  OLSBU, H. J., JB.  Reduced gravity liquid configuration simulator  [MASA-CASE-ILE-02624]  C12 M69-39988  OLSOU, H. T.  Inlet deflector for jet engines Patent  [MASA-CASE-ILE-00388]  C28 M70-34788  OLTHABS, D. A.  Batched thermistors for microwave power meters  Patent  [MASA-CASE-MP0-10348]  C10 M71-12554  OUNILL, R. U.  Ronostable nultivibrator with complementary MOR  gates Patent  [MASA-CASE-SSC-13492-1]  C10 M71-28860	Insitu transfer standard for utlrahigh vacuum gage calibration [NASA-CASE-LAE-10862-1] c14 N74-15092  PACHARD, R. D. Seniconductor surface protection paterial [NASA-CASE-ERC-10339-1] c18 N73-30532  PADILLA, D. Piber separating and cleaning method and apparatus [NASA-CASE-LAE-11224-1] c15 N74-20072  PAIR, S. F. Parametric microwave noise generator Patent [NASA-CASE-KER-11019] c09 N71-23598  PAIR, H. G. Apparatus for recovering matter adhered to a host surface [NASA-CASE-NPO-11213] c15 N73-20514  PAIUTER, J. H. Anti-multipath digital signal detector [NASA-CASE-LAE-11379-1]
[BASA-CASE-GSC-11619-1]  CASA NO-318288  Radial nodule space station Patent [BASA-CASE-KHS-01906]  CASA NO-41373  OLSASKY, E. J.  Laser canera and diffusion filter therefore Patent [BASA-CASE-BPO-10417]  CLSRU, E. A.  Hot wire liquid level detector for cryogenic fluids Patent [MASA-CASE-XLE-00454]  CASA NO-11802  OLSEB, E. A., JB.  Reduced gravity liquid configuration simulator [BASA-CASE-XLE-02624]  CLSOU, E. T.  Inlet deflector for jet engines Patent [BASA-CASE-XLE-00388]  CASE-XLE-00388]  CA	Insitu transfer standard for utlrahigh vacuum gage calibration [WASA-CASE-LAR-10862-1] c14 N74-15092  PACKARD, R. D. Seniconductor surface protection naterial [BASA-CASE-ERC-10339-1] c18 N73-30532  PADILLA, D. Fiber separating and cleaning nethod and apparatus [NASA-CASE-LAR-11224-1] c15 N74-20072  PAIK, S. F. Parametric microwave noise generator [NASA-CASE-KER-11019] roop N71-23598  PAIK, H. U. U. Apparatus for recovering natter adhered to a host surface [NASA-CASE-NPO-11213] c15 N74-20514  PAIUTER, J. H. Anti-nultipath digital signal detector [NASA-CASE-LAR-11379-1] c07 N74-11005  PALAUDATI, C. F., JR. Prevention of pressure build-up in
[BASA-CASE-GSC-11619-1]  C33 N73-32828  OLLIBG, B.	Insitu transfer standard for utlrahigh vacuum gage calibration [NASA-CASE-LAR-10862-1] c14 N74-15092  PACKARD, R. D. Seniconductor surface protection daterial [NASA-CASE-ERC-10339-1] c18 N73-30532  PADILLA, D. Piber separating and cleaning dethod and apparatus [NASA-CASE-LAR-11224-1] c15 N74-20072  PATE, S. F. Parametric microwave noise generator [NASA-CASE-KER-11019] r09 N71-23598  PAIK, B. B. Apparatus for recovering datter adhered to a host surface [NASA-CASE-NPO-11213] c15 N73-20514  PAIUTEN, J. H. Anti-multipath digital signal detector [NASA-CASE-LAR-11379-1] c07 N74-11005  PALAMDATI, C. F., JR. Prevention of pressure build-up in electrochemical cells Patent
(BASA-CASE-GSC-11619-1]  C33 N73-32828  CLLING, B. H.  Radial nodule space station Patent  (MASA-CASE-KHS-01906]  C31 N70-41373  CLSASKY, H. J.  Laser canera and diffusion filter therefore Patent  [MASA-CASE-NPO-10417]  C16 N71-33410  CLSRU, H. A.  Hot wire liquid level detector for cryogenic  fluids Patent  (MASA-CASE-XLE-00454]  C23 N71-17802  CLSEB, H. D., JB.  Reduced gravity liquid configuration simulator  [MASA-CASE-LLE-02624]  C12 N69-39988  CLSOB, H. T.  Inlet deflector for jet engines Patent  [MASA-CASE-XLE-00388]  CLTHANS, D. A.  Batched thernistors for microwave power meters  Patent  [MASA-CASE-NPO-10348]  C10 N71-12554  CMBILL, B. U.  RONOStable multivibrator with complementary BOR  gates Patent  [MASA-CASE-ESC-13492-1]  C10 N71-28860  Peak holding circuit for extremely marrow pulses  [MASA-CASE-ESC-14129-1]  CBEILLY, U. J.	Insitu transfer standard for utlrahigh vacuum gage calibration [NASA-CASE-LAR-10862-1] c14 N74-15092  PACHARD, R. D. Seniconductor surface protection daterial [NASA-CASE-ERC-10339-1] c18 N73-30532  PADILLA, D. Piber separating and cleaning bethod and apparatus [NASA-CASE-LAR-11224-1] c15 N74-20072  PAIR, S. F. Parametric microwave noise generator Patent [NASA-CASE-KER-11019] c09 N71-23598  PAIK, H. U. Apparatus for recovering datter adhered to a host surface [NASA-CASE-NPO-11213] c15 N73-20514  PAIUTER, J. H. Anti-multipath digital signal detector [NASA-CASE-LAR-11379-1] c07 N74-11005  PALAUDATI, C. F., JR. Prevention of pressure build-up in electrochemical cells Patent [NASA-CASE-X6S-01419] c03 N70-41864
[BASA-CASE-GSC-11619-1]  CASA NOT SERVIS - GSC-11619-1]  CASA-CASE-KHS-01906]  CASA-CASE-KHS-01906]  CASA-CASE-KHS-01906]  CASA-CASE-KHS-01906]  CASA-CASE-KHS-01906]  CASA-CASE-KHS-01906]  CASA-CASE-KHS-01906]  CASA-CASE-KHS-01906]  CASA-CASE-KHS-01906]  CASA-CASE-KHS-01917]  CASA-CASE-KHS-01917]  CASA-CASE-KHS-01917]  CASA-CASE-KHS-01917  CASA-CASE-KHS-01918  CASA-CASE-KHS-01919  CAS	Insitu transfer standard for utlrahigh vacuum gage calibration [MASA-CASE-LAR-10862-1] c14 N74-15092  PACKARD, R. D. Seniconductor surface protection naterial [BASA-CASE-ERC-10339-1] c18 N73-30532  PADILLA, D. Piber separating and cleaning nethod and apparatus [NASA-CASE-LAR-11224-1] c15 N74-20072  PAIE, S. P. Parametric microwave noise generator [NASA-CASE-KER-11019] roop N71-23598  PAIK, H. S. Apparatus for recovering natter adhered to a host surface [NASA-CASE-NPO-11213] c15 E73-20514  PAIUTER, J. H. Anti-nultipath digital signal detector [NASA-CASE-LAR-11379-1] c07 E74-11005  PALAUDATI, C. F., JR. Prevention of pressure build-up in electrochemical cells Patent [NASA-CASE-XGS-01419] roop E70-41864
[BASA-CASE-GSC-11619-1]  CASA NO-318288  CALLING, B.	Insitu transfer standard for utlrahigh vacuum gage calibration [MASA-CASE-LAR-10862-1] c14 N74-15092  PACKARD, R. D. Seniconductor surface protection naterial [BASA-CASE-ERC-10339-1] c18 N73-30532  PADILLA, D. Fiber separating and cleaning nethod and apparatus [NASA-CASE-LAR-11224-1] c15 N74-20072  PAIK, S. F. Parametric microwave noise generator [NASA-CASE-KER-11019] ro9 N71-23598  PAIK, H. H. H. Apparatus for recovering natter adhered to a host surface [NASA-CASE-NPO-11213] c15 N74-20514  PAIUTER, J. H. Anti-nultipath digital signal detector [NASA-CASE-LAR-1379-1] c07 N74-11005  PALANDATI, C. F., JR. Prevention of pressure build-up in electrochenical cells Patent [NASA-CASE-LSS-01419] ro3 N70-41864  PALANDER, B. I. Apparatus for testing a pressure responsive
SASA-CASE-GSC-11619-1]  CLLIEG, B. H.  Radial nodule space station Patent  (MASA-CASE-KHS-01906]  C31 M70-41373  OLSASKY, H. J.  Laser canera and diffusion filter therefore Patent  [MASA-CASE-MP0-10417]  C18 N71-33410  OLSRU, H. A.  Hot wire liquid level detector for cryogenic  fluids Patent  (MASA-CASE-XLE-00454]  C23 M71-17802  OLSB, H. D., JB.  Reduced gravity liquid configuration simulator  [MASA-CASE-XLE-02624]  C12 M69-39988  OLSON, H. T.  Inlet deflector for jet engines Patent  [MASA-CASE-XLE-00388]  C28 M70-34788  OLTHANS, D. A.  Batched thernistors for microwave power meters  Patent  [MASA-CASE-MP0-10348]  C10 M71-12554  OMNILL, R. J.  RONOStable multivibrator with complementary MOR  gates Patent  [MASA-CASE-MSC-13492-1]  C10 M71-28860  Peak holding circuit for extremely narrow pulses  [MASA-CASE-MSC-14129-1]  OMNILL, U. J.  Portable environmental control system Patent  [MASA-CASE-MSC-09632-1]  OMNIL, C.  Fastener stretcher	Insitu transfer standard for utlrahigh vacuum gage calibration [MASA-CASE-LAR-10862-1] c14 N74-15092  PACKARD, R. D. Seniconductor surface protection daterial [MASA-CASE-ERC-10339-1] c18 N73-30532  PADILLA, D. Piber separating and cleaning dethod and apparatus [NASA-CASE-LAR-11224-1] c15 N74-20072  PAIK, S. F. Parametric microwave noise generator Patent [NASA-CASE-KER-11019] c09 N71-23598  PAIK, U. U. Apparatus for recovering datter adhered to a host surface [NASA-CASE-NPO-11213] c15 N73-20514  PAIUTER, J. H. Anti-cultipath digital signal detector [NASA-CASE-LAR-11379-1] c07 N74-11005  PALAUDATI, C. F., JR. Prevention of pressure build-up in electrochedical cells Patent [NASA-CASE-XGS-01419] c03 N70-41864  PALHER, B. I. Apparatus for testing a pressure responsive instrument Patent
SASA-CASE-GSC-11619-1] CJLING, B. H.  Radial nodule space station Patent  [MASA-CASE-KHS-01906] CJ1 M70-41373  OLSASKY, H. J.  Laser canera and diffusion filter therefore Patent  [MASA-CASE-MP0-10417] C16 M71-33410  OLSRU, H. A.  Rot wire liquid level detector for cryogenic  fluids Patent  [MASA-CASE-XLE-00454] C23 M71-17802  OLSEE, H. J., JB.  Reduced gravity liquid configuration simulator  [MASA-CASE-LE-02624] C12 M69-39988  OLSOW, H. T.  Inlet deflector for jet engines Patent  [MASA-CASE-XLE-00388] C28 M70-34788  OLTRANS, D. A.  Hatched thermistors for microwave power meters  Patent  [MASA-CASE-MP0-10348] C10 M71-12554  OMBILL, R. C.  Honostable multivibrator with complementary MOR  gates Patent  [MASA-CASE-HSC-13492-1] C10 M71-28860  Peak holding circuit for extremely marrow pulses  [MASA-CASE-HSC-14129-1] C05 M71-11203  OMBILLY, U. J.  Portable environmental control system Patent  [MASA-CASE-KBS-09632-1] C05 M71-11203  OMBILLY, C.  Fastener stretcher  [MASA-CASE-GSC-11149-1] C15 M73-30457	Insitu transfer standard for utlrahigh vacuum gage calibration [MASA-CASE-LAR-10862-1] c14 N74-15092  PACKARD, R. D. Seniconductor surface protection naterial [BASA-CASE-ERC-10339-1] c18 N73-30532  PADILLA, D. Fiber separating and cleaning nethod and apparatus [NASA-CASE-LAR-11224-1] c15 N74-20072  PAIK, S. F. Parametric microwave noise generator [NASA-CASE-KER-11019] c09 N71-23598  PAIK, H. H. H. Apparatus for recovering natter adhered to a host surface [NASA-CASE-NPO-11213] c15 N74-20514  PAIUTER, J. H. Anti-nultipath digital signal detector [NASA-CASE-LAR-1379-1] c07 N74-11005  PALANDATI, C. F., JR. Prevention of pressure build-up in electrochenical cells Patent [NASA-CASE-XES-01419] c03 N70-41864  PALHER, B. I. Apparatus for testing a pressure responsive instrument Patent [NASA-CASE-XEP-04134] c14 N71-23755
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[NASA-CASE-XLE-08917-2] c15 N71-24836	Method of using photovoltaic cell using poly-N-vinylcarbazole complex Patent
Ion thrustor cathode	[NASA-CASE-NPO-10373] c03 N71-18698
[NASA-CASE-XLE-07087] c06 N69-39889	Dicyanoacetylene polymers Patent
Electrostatic ion engine baving a permanent	[NASA-CASE-XNP-03250] c06 N71-23500 Heat detection and compositions and devices
magnetic circuit Patent [NASA-CASE-XLB-01124] c28 N71-14043	therefor
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[NASA-CASE-XLE-02066] G28 N71-15661 RECHTER, H. L.	therefor
Lightweight refractory insulation and method of	[NASA-CASE-NPO-10764-2] c10 N73-20259
preparing the same Patent [NASA-CASE-XHF-05279] c18 N71-16124	Preparation of alkali metal dispersions [NASA-CASE-XNP-08876] c17 #73-28573
REDDING, A. H.	REMPEL, R. C.
Self-adjusting multisegment, deployable, natural	Optically pumped resonance magnetometer for determining vectoral components in a spatial
circulation radiator Patent [NASA-CASE-XHQ-03673] c33 N71-29046	coordinate system Patent
BRDMON, J. W.	[NASA-CASE-XGS-04879] c14 N71-20428
Air bearing assembly for curved surfaces	RESPER, P. S.
[NASA-CASE-MFS-20423] c15 N72-11388 REBCE, O6 Y6	Aircraft control system [NASA-CASE-ERC-10439] G02 N73-19004
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[NASA-CASE-IMF-02964] c14 N71-17659 Horizontal cryostat for fatigue testing Patent	Bacteria detection instrument and method [NASA-CASE-GSC-11533-1] c14 N73-13435
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Synthesis of superconducting compounds by	Rubber composition for use with hydrazine Patent
explosive compaction of powders [NASA-CASE-HFS-20861-1] c18 N73-32437	Application [NASA-CASE-NPO-11433] c18 N71-31140
REED, L. B.	REPAS, G. A.
High power-high voltage waterload Patent  [NASA-CASE-XNP-05381] c09 N71-20842	Rocket propellant injection [NASA-CASE-LEW-11071-1] c27 H73-27695
[NASA-CASE-XNP-05381] c09 N71-20842 RRED, J. H., JR.	BRYNOLDS, J. No.
Instrument for use in performing a controlled	Device and method for determining X ray
Valsalva maneuver Patent	reflection efficiency of optical surfaces [NASA-CASE-MFS-20243] c23 N73-13662
[NASA-CASE-XMS-01615] c05 N70-41329 BEED, L.	[NASA-CASE-MFS-20243] C23 N/3-13662 RETHOLDS, W. B.
Method of forming ceramic to metal seal Patent	Circuit breaker utilizing magnetic latching
[NASA-CASE-XNP-01263-2] c15 N71-26312	relays Patent [NASA-CASE-NSC-11277]
REED, W. E., III  Test unit free-flight suspension system Patent	[NASA-CASE-MSC-11277] CO9 N71-29008
[NASA-CASE-XLA-00939] c11 N71-15926	Automated fluid chemical analyzer Patent
Viscous-pendulum-damper Patent [NASA-CASE-XLA-02079] c12 N71-16894	[NASA-CASE-XNP-09451] c06 N71-26754 RHODES, L. L.
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[NASA-CASE-LAR-10274-1] c14 N71-17626	[NASA-CASE-MSC-15474-1] c15 N71-26162
Suspended mass impact damper Patent [NASA-CASE-LAR-10193-1] c15 N71-27146	RIAZ, Ma Constant frequency output two stage induction
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BIBARICH, J. J.		Tumbler system to provide random mo [NASA-CASB-YGS-02437]	c15 N69-21472
Guidance and maneuver analyzer P.		Biddser, H.	•
[NASA-CASE-XNP-09572] EICCITIELLO, S. L.	c14 ¥71-15621	Voltage tunable Gunn-type microwave Patent	generator
Intumescent composition, foamed p	roduct prepared	[NASA-CASE-XER-07894]	c09 N71-18721
therewith, and process for making	ng same	Transverse piezoresistance and pino	
[NASA-CASE-ARC-10304-1] BICCITIBLLO, S. R.	c18 N73-26572	electromechanical transducers Pa [NASA-CASE-ERC-10088]	tent c26 N71-25490
Hodified polyisocyanurate polymer	foam Patent	Pressure sensitive transducers Pat	
Application [NASA-CASE-ARC-10280-1]	-10 N7A-2060E		c14.N71-27334
Hodified polyurethane foams for fi	c18 N70-34695 uel-fire Patent	Gunn-type solid state devices [NASA-CASE-XER-07895]	c26 N72-25679
[ MASA-CASE-ARC-10098-1 ]	c06 N71-24739	Electricity measurement devices emp	
Plexible fire retardant foam [NASA-CASE-ARC-10180-1]	020 NZ2-20767	crystalline materials	-06 450 05600
Flexible fire retardant polyisocy	c28 N72-20767	[NASA-CASE-BRC-10275] Semiconductor transducer device	c26 N72-25680
neopren∈ foam	• .	[NASA-CASE-EEC-10087-2]	c14 N72-31446
[NASA-CASE-ARC-10180-1] BICE, R. F.	c06 N74-12814	RINEHART, D.	•
Data compression system		Space suit [NASA-CASE-BSC-12609-1]	c05 N73-32012
[NASA-CASE-NPO-11243]	c07 N72-20154	RINGELMAN, J. F.	
Cryogenic storage system Patent	•	Regulated power supply Patent [NASA-CASE-XMS-01991]	c09 N71-21449
[NASA-CASE-XHS-04390]	c31 N70-41871	RITCHIE, D. G.	CV3 N/1-21443
EXTENSION CON	•	Soil particles separator, collector	and viewer
Extrusion can [NASA-CASE-NPO-10812]	c15 N73-13464	Patent [NASA-CASE-XNP-09770]	c15 N71-20440
RICH, R.		Material handling device Patent	C13 R71-20440
Bacterial contamination monitor [NASA-CASE-GSC-10879-1].	444 W20-05843	[ NASA-CASB-XNP-09770-3]	c11 N71-27036
RICH, B., JR.	c14 N72-25413	Screen particle separator [NASA-CASE-INP-09770-2]	c15 N72-22483
Protein sterilization method of fi	irefly	RITCHIE, D. H.	C13 N74-22403
luCiferase using reduced pressur molecular sieves	re and	Solar battery with interconnecting	means for
[ NASA-CASE-GSC-10225-11	c06 N73-27086	plural cells Patent [NASA-CASE-XNP-06506]	c03 N71-11050
RICHARD, C. E.		RITCHIE, V. S.	003 W/1 11030
Low cycle fatigue testing machine [NASA-CASE-LAR-10270-1]	c32 N72-25877	Aerodynamic measuring device Paten	
BICHARD, R. B.	032 872-23077	[NASA-CASE-XLA-00481] Check walve assembly for a probe P	c14 N70-36824
Angular accelerometer Patent	1. 1.1.	[NASA-CASE-XLA-00128]	c15 N70-37925
[NASA-CASE-XES-05936] RICHARDS, U. R.	c14 N70-41682	RITTER, D. L.	
Hethod and apparatus for optical m	odulating a	Foldable construction block [NASA-CASE-MSC-12233-2]	c32 x73-13921
light signal Patent	-	ROBBIES, H. J.	
[NASA-CASE-GSC-10216-1] RICHARDSON, R. H.	c23 N71-26722	Attitude control system for soundin Patent	g rockets
Bethod for measuring cutaneous sen	sory perception	[NASA-CASE-XGS-01654]	c31 N71-24750
[NASA-CASE-MSC-13609-1]	c05 N72-25122	ROBERTS, D. R.	
RICHLEY, B. A.  Bocket engine Patent	•	Apparatus for testing wiring harnes wibration generating means	s by
[NASA-CASE-XLE-00342]	c28 N70-37980	[NASA-CASE-MSC-15158-1]	c14 N72-17325
BICHHOND, J. C. Ellipsoidal mirror reflectometer i	includina maana	ROBERTS, D. L.	
for averaging the radiation refl		Laser apparatus for removing materi rotating objects Patent	al trom
sample Patent		[NASA-CASE-HFS-11279]	c16 N71-20400
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Formed metal ribbon wrap Patent	•	Cryogenic feedthrough [NASA-CASE-LAR-10031]	c15 N72-22484
[NASA-CASE-XLE-00164]	c15 N70-36411	BOBERTS, V. H.	
RICHTER, R. L. Reversible motion drive system Pa	tent	Silent emergency alarm system for so the like	chools and
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RICHTER, I. A.		ROBBETSON, A. J.	
Dual digital video smitcher [NASA-CASE-KSC-10782-1]	c07 N73-32063	Aircraft control system [NASA-CASE-ERC-10439]	c02 N73-19004
RIEBE, J. B.	•	ROBERTSON, J. B.	
Landing arrangement for aerial weh [NASA-CASE-XLA-00142]	icles Patent c02 N70-33286	Righ field CdS detector for infrare	
Jet aircraft configuration Patent		[NASA-CASE-LAR-11027-1] ROBERTSON, H. L.	c14 N74-18088
[NASA-CASE-XLA-00087]	c02 N70-33332	Two-axis controller Patent	
Landing arrangement for aerial weh [NASA-CASE-XLA-00806]	c02 N70-34858	[NASA-CASE-XFR-04104]	c03 N70-42073
Landing arrangement for aerospace		ROBILLARD, G. Apparatus and method for control of	a solid
[WASA-CASE-WLA-00805]	c31 N70-38010	fueled rocket wehicle Patent	
Control system for rocket webicles [NASA-CASE-XLA-01163]	c21 N71-15582	[NASA-CASE-INP-00217] ROBINS, A. U.	c28 N70-38181
RIBBLING, B. D.	•	Supersonic aircraft Patent	•
Force-balanced, throttle valve Pa		[NASA-CASE-XLA-04451]	c02 N71-12243
[NASA-CASE-NPO-10808] Bipropellant injector	c15 N71-27432	ROBISSOU, G. P. Heat flux sensor assembly	
[ NASA-CASE-XNP-09461 ]	c28 N72-23809	[ NASA-CASE-XHS-05909-1]	c14 N69-27459
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level of transmitted power is cont	rolled by	[NASA-CASE-XNP-09702]	c15 N71-17654
reflections from receiver		Multiple orifice throttle valve Pat	
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Bydrory terminated perfluoro ethers [BASA-CASE-BPO-10768]	Patent c06 %71-27254	[ HASA-CASE-IGS-02171 ]	c09 N69-24324
Perfluoro polyether acyl fluorides	000 071: 20247	Apparatus for changing the orientati	on and
r nasa-case-npo-10765 }	c06 872-20121	velocity of a spinning hody traver	sing a path
Polyurethane resins from hydroxy ter	minated	Patent	34
perfluoro ethers		[ KASA-CASE-HQN-00936 ]	G31 N71-29050
[NASA-CASE-NPO-10768-2]	c06 N72-27144	BOSEN, I Focused image holography with extend	ed sources
Highly fluorinated polyurethanes	c06 N72-27151	Patent	
[MASA-CASE-MPO-10767-2] Highly fluorinated polyurethanes		[ NASA-CASE-ERC-10019 ]	c16 N71-15551
[HASA-CASE-NPO-10767-1]	c06 #73-33076	Recording and reconstructing focused	l image
RODBER, W. H.		holograms Patent	
Solar cell mounting Patent	. 0.2 74 00005	[NASA-CASE-ERC-10017]	c16 N71-15567
[NASA-CASE-ENP-00826]	c03 871-20895	Method and means for recording and reconstructing holograms without u	se of a
ROESER, P. W. Inductive liquid level detection sys	tem Patent	reference beam Patent	
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ROGALLO, Po B.		ROSENBAUM, B. J.	•
Aeroflerible structures		Flow test device	40 850 0005
[ NASA-CASE-XLA-06095 ]	c01 N69-39981	[HASA-CASE-XMS-04917]	c14 N69-2425
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[NASA-CASE-XLA-00087] Control for flexible parawing Paten		[NASA-CASE-LEW-11531]	c15 N71-1493
[NASA-CASE-XLA-06958]	c02 N71-11038	Analytical test apparatus and method	
ROGALLO, V. L.		determining oxide content of alkal	i metal Paten
Propeller blade loading control Pat	ent	[ NASA-CASE-XLE-01997 ]	c06 N71-2352
[NASA-CASE-XAC-00139]	c02 N70-34856	ROSIN, A. D.	
Null-type vacuum microbalance Patem	it -45 w70 h0400	Zero gravity separator Patent	c15 N71~1596
[NASA-CASE-XAC-00472]	c15 N70-40180	[NASA-CASE-XLE-00586] ROSIN, S.	C12 E71-1230
Thermo-protective device for balance [NASA-CASE-XAC-00648]	c14 1170-40400	Wide angle long eye relief eyepiece	Patent
Porce transducer Patent		[ NASA-CASE-XMS-06056-1]	c23 %71-2485
	c14 H70-41957	Ritchey-Chretien Telescope	
BOGERS, P. O.	_	[ NASA-CASE-GSC-11487-1 ]	c14 873-3039
Synthesis of zinc titanate pigment a	and coatings	ROSINSKI, W. K.	
containing the same	-18 v72_17522	Adjustable force probe [NASA-CASB-BFS-20760]	c14 N72-3337
	c18 N72-17532	ROSITABO, S. A.	C14 B12 3337
Laser Doppler system for measuring t	three	Ultra-flexible biomedical electrodes	and wires
dimensional vector velocity Pater		Patent Application	
[NASA-CASB-HPS-20386]	c21 N71-19212	[NASA-CASE-ARC-10268-1]	c09 N70-1262
ROLIK, G. P.		Visual examination apparatus	c05 N73-2607
Solar cell panels with light transmi	c03 N72-22042	[NASA-CASE-ARC-10329-1] Ultra-flexible biomedical electrodes	
[NASA-CASE-HPO-10747]	CO3 N/2-22042	[NASA-CASE-ARC-10268-2]	COS N74-1190
Demodulator for carrier transducers		Ultra-flexible biomedical electrode	
[ NASA-CASE-NUC-10107-1]	c09 N74-17930	[NASA-CASE-ARC-10268-3]	c05 ¥74-1190
ROLLINS, G. N.		Visual examination apparatus	-05 NJ# 4036
System for calibrating pressure tran		[NASA-CASE-ARC-10329-2]	c05 ¥74-1976
[NASA-CASE-LAR-10910-1]	c14 N74-13132	ROSSER, R. W.  Piber modified polyurethane foam for	r ballistic
ROM, F. E. Gaseous nuclear rocket Patent		protection	
[NASA-CASE-XLE-00321]	c22 N70-34572	[ NASA-CASE-ARC-10714-1 ]	c18 N74-1136
Gas core nuclear reactor Patent		Polyimide foam for the thermal insul	lation and
[ NA SA-CASE-LEW-10250-1 ]	c22 N71-28759	fire protection	
ROMAN, J. A.		[ NASA-CASE-ARC-10464-1 ]	c06 ¥74-1281
Biomedical electrode arrangement Pa		ROSSI, B. B. X-ray reflection collinator adapted	to focus
[NASA-CASE-XFR-10856]  Bethod and apparatus for attaching p	c05 x71-11189	I-radiation directly on a detector	
monitoring electrodes Patent	balgrorodrour,	[NASA-CASE-XHQ-04106]	c14 N70-4024
[NASA-CASE-XPR-07658-1]	c05 N71-26293	ROSSOW, V. J.	
Gas low pressure low flow rate meter	ring system	Apparatus for measuring conductivity	
Patent		velocity of plasma utilizing a plu	irality of
[NASA-CASE-FRC-10022]	c12 N71-26546	sensing coils positioned in the pl	c25 N71-1607
Respiration monitor	c14 N72-17329	[NASA-CASE-XAC-05695]	C23 N71-1007
[NASA-CASE-FRC-10012] BORABCEYK, K. C.	C14 872-17323	Voltage tunable Gunn-type microwave	generator
Fringe Counter for interferometers	Patent	Patent	•••
[ NASA-CASE-LAR-10204]	c14 N71-27215	[NASA-CASE-XER-07894]	C09 N71-1872
ROBBEL, H. A.		Gunn-type solid State devices	
Hydrogen leak detection device Pate		[NASA-CASE-XER-07895]	c26 N72-2567
[WASA-CASE-MFS-11537]	c14 N71-20442	ROTHAN, A.	
ROMVARY, B., JR. Intermittent thre cilics gel adcorn	tion	Supporting and protecting device Page [NASA-CASE-XMF-00580]	atent c11 %70-3538
. Intermittent type silica gel adsorption refrigerator Patent	C-10H	ROUDEBUSH, W. E.	-,
[NASA-CASE-XNP-00920]	c15 N71-15906	Gas turbine combustor Patent	
ROBEY, B. V.		[ NASA-CASE-LEW-10286-1 ]	c28 N71-2891
Evacuation valve		ROUSEY, W. J.	
[ WASA-CASE-LAR-10061-1]	c15 N72-31483	A system for generating timing and	
ROOT, G. La		[NASA-CASE-NPO-13125-1]	c09 N73-1822
Valve seat	015 V77-75864	ROUSER, L. B. Segmented superconducting magnet for	r a broadhand
[NASA-CASE-NPQ-10606] ROSALES, L. A.	c15 N72-25451	traveling wave maser Patent	- 2 Promond
Control valve and co-axial variable	injector	[NASA-CASE-XGS-10518]	c16 N71-2855
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ROBE, H. E.		RUST, L	
A dually node locked Ed:YAG laser	c16 E73-32398	Solenoid construction Patent [NASA-CASE-XBP-01951]	c09 N70-41929
[BASA-CASE-GSC-11746-1] ROBLAND, C. B.	C10 813-32390	[ HCCIO-ZBZ-ACAN]	003 815 41323
Apparatus for ejection of an instrum	ent cover		
[MASA-CASE-XEF-04132].	c15 N69-27502	<b>3</b>	
Laser communication system for conti		SABÁROFF, S.	
several functions at a location re		Broadband frequency discriminator P	atent
laser		[ NASA-CASE-NPO-10096 ]	c07 N71-24583
[NASA-CASE-LAR-10311-1]	c16 1173-16536	Sabeluau, e. e.	
ROULEY, P. D.		Pump for delivering heated fluids	
Hethod and apparatus for determining	, properties	[NASA-CASE-NPO-11417]	c15 \$73-24513
of a plasma		Perrofluidic solenoid	-00 NTO 2040E
[NASA-CASE-ARC-10598-1]	c25 Ņ73-29750	[NASA-CASE-NPO-11738-1]	c09 \$73-30185
ROY, Ila		SABOL, A. P.	accolorator:
Cosmic dust analyzer		Crossed-field HHD plasma generator/ Patent	acceterator,
	c30 N72-20805	[NASA-CASE-XLA-03374]	c25 N71-15562
ROY, U. Synthesis of superconducting compoun	ale by	Self-repeating plasma generator hawi	
explosive compaction of powders	ics by	communicating annular and linear a	rc discharge
[NASA-CASE-MFS-20861-1]	c18 E73-32437	passages Patent	,
RUBRRY, K. P.		NASA-CASB-XLA-03103]	c25 N71-21693.
Rethod of obtaining permanent record	l of surface	Heat exchanger system and method	
flow phenomena Patent		[NASA-CASE-LAR-10799-1]	c12 N73-12295
[NASA-CASE-XLA-01353]	c14 N70-41366	Apparatus and method for generating	large mass
Quick release connector Patent		flow of high temperature air at by	personic
[ NASA-CASE-ILA-01141 ]	c15 N71-13789	speeds	
RUBIU, B.		· [NASA-CASE-LAR-10612-1]	c12 N73-28144
Process for the preparation of brush		SACKS, B. H.	_
[ NASA-CASE-ERC-10338]	c04 N72-33072	Magnetically actuated tuning method	for Gunn
RUBID, D. C.		oscillators	
Riectricity measurement devices empl		[ NASA-CASE-MPO-12106 ]	c09 #73-15235
crystalline naterials		SAFFRE, H. H.	
[NASA-CASE-ERC-10275]	c26 N72-25680	Reat operated cryogenic electrical g	
RUDDOCK, R. A.	stor for	[NASA-CASE-NPO-1 ³³ 03-1] SAFFREU, G. H.	CO3 874-13701
Optically pumped resonance magnetone		Haterial suspension within an acoust	icallu ·
determining vectoral components is	a, a Spatial	excited resonant chapter	regil
<pre>coordinate system Patent [NASA-CASE-IGS-04879]</pre>	c14 B71-20428	[ WASA-CASE-NPO-13263-1]	c15 N73-31443
RUHDER, L.	C14 B1,1-20420	A doped Josephson tunneling junction	
Rocket borne instrument to measure	electric .	a sensitive IR detector	
fields inside electrified clouds	22000220	[ MASA-CASE-NPO-13348-1 ]	c14 N74-20022
[ NASA-CASE-KSC-10730-1 ]	c14 N73-32318	Sahirkaya, Y.	
ROHOKE, L. H.		Optical control system for an electr	ic notor
Determining distance to lightning st	trokes fron a	driven vehicle	
single station	etc.	[ NASA-CASE-NPO-11210 ]	c11 N72-20244
	. c07 N73-20175	SAIDSBURY-CARTER, J. B.	
RUBBLE, C. V.	• •	Bonded joint and method	
Heans for accommodating large overs	train in lead	[ NASA-CASE-LAR-10900-1 ]	c15 N73-10499
uires		SALBIRS, S.	• •
[NASA-CASE-LAR-10168-1]	c09, N73-22151	Radiation direction detector includi	
Adjustable frequency response nicro		compensating for photocell aging	
[ WASA-CASE-LAR-11170-1]	c07 N74-12843	[NASA-CASE-XLA-00183]	c14 #70-40239
RUNGEL, J. A.	•	Spacecraft separation system for spi	nning
Hetabolic analyzer (NASA-CASE-HFS-21415-1)	c05 #74-20728	<pre>vehicles and/or payloads Patent [NASA-CASE-XLA-02132]</pre>	c31 N71-10582
	CU3 8/4-20/20	SALTER, U. B.	C31 W/1-1030Z
Automatic force neasuring system Pr	atent	Pseudo-noise test set for communicat	ion system
[NASA-CASE-NLA-02605]		evaluation	Dineen
Los mass truss structure		[ NASA-CASE-MFS-22671-1 ]	c14 N74-13146
[NASA-CASE-LAR-10546-1]	c11 N72-25287	Saltzhan, e. j.	*
ROPULK, Do Ro		Traversing probe Patent '	
Switching circuit Patent	•	[NASA-CASE-KFR-02007]	c12 N71-24692
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RUSSELL, C. H.	•	Electrohydrodynamic control walve P	atenť
Analog to digital converter tester	Patent	[NASA-CASE-NPO-10416]	c12 N71-27332
[HASA-CASE-XLA-06713]	C14 N71-28991	Ultrasonically bonded valve assembly	
ROSSELL, G. B.	· ·		c15 N74-20073
Inert gas metallic vapor laser	-44	SAUFIELD, E.	•
[ WASA-CASE-NPO-13449-1 ]	c16 #74-16187		-45 474 22025
ROSSELL, J. B., III			c15 N71-28936
	*	SAHONSKI, F. H., JR.	_
	c14 H71-21006	Liquid-gas separator for zero gravit	·¥
Ablation sensor Patent	c14 N71-22991	environment Patent	-AF #7A-81207
	-14 D. ( 6277)	[NASA-CASR-XHS-01492] SAUSON, J. A. B.	c05 #70-41297
RUSSELL, L. D. High intensity radiant energy pulse	source	Analytical photoionization mass spec	traneter
having means for opening shutter		with an argon gas filter between t	
flux has reached a desired level		source and nonochrometer Patent	,
[NASA-CASE-ARC-10178-1]	c09 N72-17152	[NASA-CASE-LAR-10180-1]	c06 1971-13461
Thermodielectric radiometer utilizi:		SAUSON, R.	
	c14 N72-24477	Sealed cabinetry Patent	4
BUSSELL, Ca Ba	•	[ NASA-CASE-HSC-12168-1]	c09 N71-18600
method and apparatus for making cur	ved	SAM RIGUEL, A.	0
reflectors Patent	. dr was -====	Heans and nethod of neasuring viscoe	lastic
[ #ASA-CASE-XLE-08917]	c15 N71-15597	strain Patent	
Apparatus for making curved refrect	ors patent	[ MASA-CASE-XNP-01153 ]	c32 N71-17645
[ #ASA-CASE-XLE-08917-2]	c15 N71-24836	Einlature stress transducer Patent	-4H W74 04004
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		SCHACHTER, B. B.	
SANDBORN, V. A. Particle beam measurement apparatus usi	ng beam	Apparatus for producing three-dimensi	onal
kinetic energy to change the heat set	ISITIVE	recordings of flourescence spectra [NASA-CASE-IGS-01231]	Patent c14 N70-41676
resistance of the detection probe Pa	tent  4 N70-38602	SCHAEPER, Do Ho	C14 N10 41010
[NASA-CASE-XLE-00243] C1 Apparatus for increasing ion engine bea		Binary magnetic memory device Patent	~AQ W7A~287#2
Patent	28 N70-41576	[NASA-CASE-XGS-00174] Logarithmic converter Patent	CO8 N70-34743
SINDER. R. C.		[NASA-CASE-XLA-00471]	c08 N70-34778
Transient wideo signal recording with e	expanded	Pull binary adder Patent [NASA-CASE-XGS-00689]	CO8 N70-34787
playback Patent	9 N71~25866	Ripple add and ripple subtract binary	
SANDERS. A. P.		Patent	
Oxygen production method and apparatus	IC W77.45076	[NASA-CASE-YGS-04766] Computing apporatus Patent	COB N71-18602
fugur offer pro-	15 N72~15476	[NASA-CASE-XGS-04765]	c08 N71-18693
SANDERS, B. W. Airflow control system for supersonic i	inlets	Signal detection and tracking apparat	
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SANDROCK, G. D. Righ temperature cobalt-base alloy Pat		Method of making porous conductive su	pports for
[NASA-CASE-XLE-02991] C	17 N71-16025	electrodes [NASA-CASE-GSC-11367-1]	ana nat-19692
High temperature ferromagnetic cobalt-	pase alloy	SCHAFFER, G. L.	CO3 W14 19092
Patent [NASA-CASE-XLE-03629]	17 N71-23248	Multivibrator circuit with means to p	revent
Cobalt-base alloy		false triggering from supply voltage fluctuations Patent	e
[NASA-CASE-LEW-10436-1] C'SANDSTROM, D. B.	[/ N/3-32413	[NASA-CASE-ARC-10137-1]	c09 N71-28468
Fabrication of single crystal film sem	iconductor	SCHAFFERT, J. C.	unnlawing
devices [NASA-CASE-ERC-10222]	09 N72-22199	Ultra-long monostable multivibrator of bistable semiconductor switch to al	.low
SANTARPIA. D.	. H.Z ZZ.,,	charging of timing circuit Patent	
A dually mode locked Nd:YAG laser	47 972 20200		c09 N70-34819
[ MEDE COOK CAR	16 N73-32398	Apparatus for vibrational testing of	articles
SAUBR, L. S.  Hybrid lubrication system and bearing	Patent	[NASA-CASE-GSC-11302-1]	c14 N73-13416
[NASA-CASE-KNP-01641]	15 N71-22997	SCHAPPERT, G. T. Method and apparatus for wavelength t	uning of
SAUBR, To Ha Parallel-plate viscometer with double	liaphragm	liquid lasers	
suspension		[NASA-CASE-ERC-10187]	c16 N69-31343
[NASA-CASE-NPO-11387] C	14 N73-14429	SCHADS, R. B. Thermobulb mount Patent	
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[NASA-CASE-XMS-01546] c	14 N70-40233	SCHRIBE, H. Metering gun for dispensing precisely	r measured
SAUNDERS, At R. A technique for breaking ice in the pa	th of a ship	charges of fluid	
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SAUNDERS, No To	nivers for	SCHELL, J. T. Cryogenic thermal insulation Patent	
Method of producing porous tungsten ion ion rocket engines Patent	TILLED IO.	[NASA-CASE-XMF-05046]	c33 N71-28892
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SAUTER, R. J. Foot pedal operated fluid type exercis	ing device	[NASA-CASE-HQN-10439]	c21 N72-21624
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[NASA-CASE-XLE-00724] C	14 N70-34669	[NASA-CASE-XLA-06824-2]	c02 N71-11037
SAUKO, P. M.	6ii3	SCHIPPHER, G. Power supply for carbon dioxide lase.	re
Polymeric vehicles as carriers for sul salt of nitrosubstituted aromatic am	ines	[NASA-CASE-GSC-11222-1]	c16 N73-32391
[NASA-CASE-ARC-10325] c	06 N72-25147	SCHINDLER, R. A.	
Intumescent paint containing mitrile r [NASA-CASE-ARC-10196-1] c	ubber 18 N73-13562	Interferometer direction sensor Pate [NASA-CASE-NPO-10320]	евт с14 м71-17655
Transparent fire resistant polymeric s		Interferometer servo system Patent	_
[NASA-CASE-ARC-10813-1] c	18 N74-16249	[NASA-CASE-NPO-10300] Single reflector interference spectr	c14 N71-17662
SAWYER, C. D. Control for nuclear thermionic power s	ource	drive system therefor	
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devices [NASA-CASE-BRC-10222]	09 N72-22199	Solid state switch [NASA-CASE-XMP-09228]	c09 N69-27500
SAWYER, J. T.		SCHMIDT, E. R.	
A leak detector	14 N73-18444	Caterpillar micro positioner [NASA-CASE-GSC-10780-1]	c14 N72-16283
[NASA-CASE-MFS-21761-1] c SCAPICCHIO, A. J.	17 173-10444	SCHHIDT, H. W.	
Apparatus and method for separating a		Conical valve plug Patent	c15 N70-34859
semiconductor wafer Patent [NASA-CASE-ERC-10138] c	26 N71-14354	[NASA-CASE-XLE-00715] Fluid coupling Patent	C13 M/0-34035
SCHACH, No	_	[NASA-CASE-XLE-00397]	c15 N70-36492
Apparatus for controlling the temperat	ure of	SCHMIDT, K. C. Radiation and particle detector and	amplifier
balloon borne equipment [NASA-CASB-GSC-11620-1]	14 N72-33379	[NASA-CASE-NPO-12128-1]	c14 N73-32317
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Water cooled contactor for anode in ca mechanism	rbon arc	Photosensitive device to detect bear deviation Patent	TEA
	15 N69-24266	[NASA-CASE-XNP-00438]	c21 N70-35089

Tiels common		
Light sensor	,	SCRUTT, J. B.
[NASA-CASE-NPO-11311]	c14 N72-25414	Alkali-metal silicate protective coating
SCHHIDT, B.		[NASA-CASE-XGS-04119] c18 N69-39979
Reactance control system Patent	-24 N74_4EE02	Fire resistant coating composition Patent
[NASA-CASE-IMF-01598] SCRHIDT, R. F.	c21 N71-15583	[NASA-CASE-GSC-10072] C18 N71-14014  Bethod for etching copper Patent
Monopulse system with an electronic	scanner	[NASA-CASE-XGS-06306] c17 N71-16044
[NASA-CASE-IGS-05582]	c07 N69-27460	Alkali metal silicate protective coating Patent
Electronic scanning of 2-channel mo	nopulse	[NASA-CASE-XGS-04799] c18 N71-24183
patterns Patent [NASA-CASE-GSC-10299-1]	c09 N71-24804	Phototropic composition of matter (NASA-CASE-XGS-03736) c14 N72~22443
Dish antenna having switchable beam		Potassium silicate zinc coatings
[NASA-CASE-GSC-11760-1]	c09 N73-32116	[NASA-CASE-GSC-10361-1] c18 N72-23581
SCHHIDT, U. G.		Oltraviolet light reflective coating
Ammonium perchlorate composite prop containing an organic transitiona		[NASA-CASE-GSC-11786-1] c18 N74-10542
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Trajectory-correction propulsion sy		Exhaust noises in jet engines
[NASA-CASE-INP-01104] SCHWITZER, E.	c28 N70-39931	[NASA-CASE-ARC-10712-1]
Inflatable honeycomb Patent	4 - 4	Saturation current protection apparatus for
[NASA-CASE-XLA-00204]	c32 N70-36536	saturable core transformers Patent
Hanned space station Patent		[NASA-CASE-ERC-10075] C09 N71-24800
[NASA-CASE-XLA-00258]	c31. N70-38676	Unsaturating saturable core transformer Patent [NASA-CASE-ERC-10125] c09 N71-24893
Hethod of making inflatable honeyco [NASA-CASE-XLA-03492]	c15 N71-22713	[NASA-CASE-ERC-10125] c09 N71-24893 Load insensitive electrical device
SCHROPPER, H. C.	010 1177 22710	[NASA-CASE-XER-11046-2] G09 N72-21251
Dual purpose optical instrument cap		Saturation current protection apparatus for
simultaneously acting as spectrom	eter and	saturable core transformers
diffractometer [NASA-CASE-XNP-05231]	c14 N73-28491	[NASA-CASE-ERC-10075-2] c09 N72-22196 Load-insensitive electrical device
SCHOEN, A. B.	014 870 20451	[NASA-CASE-XER-11046] c09 N72-22203
Honeycomb panels formed of minimal:	surface	Analog Signal to Discrete Time Interval
periodic tubule layers	40 470 05540	Converter (ASDTIC)
[NASA-CASE-ERC-10364] Honeycomb core structures of minima	c18 N72-25540	[NASA-CASE-ERC-10048] c09 N72-25251 Controllable load insensitive power converters
tubule sections	2 Bulluce	[NASA-CASE-ERC-10268] c09 N72-25252
[NASA-CASE-ERC-10363]	c18 N72-25541	SCHUINGHAHER, R. J.
Expandable space frames		Angular measurement system Patent
[NASA-CASE-ERC-10365-1] SCHOLL, H. F.	c31 N73-32749	(NASA-CASE-XMF-00447) c14 N70-33179 Space vehicle electrical system Patent
Recording apparatus		[NASA-CASE-XMF-00517] c03 N70-34157
[ NASA-CASE-LAR-11353-1]	c14 N74-20020	Electrical discharge apparatus for forming Patent
SCHOLL, J. A. Method of forming shapes from plana	r choots of	[NASA-CASE-XMF-00375] c15 N70-34249
thermosetting materials	r smeers or	Blectro-optical alignment control system Patent [NASA-CASE-XHF-00908] c14 N70-40238
[NASA-CASE-NPO-11036]	45 270 54500	
[	c15 N72-24522	Method and apparatus for precision sizing and
SCHORUH, S. B.		joining of large diameter tubes Patent
SCHORUH, S. B. High speed binary to decimal conver-		joining of large diameter tubes Patent [NASA-CASE-XMF-05114] c15.N71~17650
SCHORUH, S. B.		joining of large diameter tubes Patent [NASA-CASE-XMF-05114] c15.N71-17650 Hagnetomotive metal working device Patent
SCHORUH, S. B. High speed binary to decimal converted to the state of	sion system c08 %71-19544	joining of large diameter tubes Patent [NASA-CASE-XMF-05114] c15.N71~17650
SCHORUE, S. B.  High speed binary to decimal convert Patent [NASA-CASE-XGS-01230] SCHRADER, J. H. Rultiple input radio receiver Paten	sion system c08 %71-19544 nt	joining of large diameter tubes [NASA-CASE-XMF-05114] c15.N71-17650  Hagnetomotive metal working device Patent [NASA-CASE-XMF-03793] c15.N71-24833  Bethod and apparatus for precision sizing and joining of large diameter tubes Patent
SCHORUH, S. B.  High speed binary to decimal convert Patent [NASA-CASE-YGS-01230]  SCHRADER, J. H. Hultiple input radio receiver Pater [NASA-CASE-YLA-00901]	sion system c08 N71-19544 nt c07 N71-10775	joining of large diameter tubes [NASA-CASE-XMF-05114] c15.N71-17650 Hagnetomotive metal working device [NASA-CASE-XMF-03793] c15.N71-24833 Method and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3] c15.N71-24865
SCHORUE, S. B. High speed binary to decimal converted to the second converted	sion system c08 N71-19544 nt c07 N71-10775 atent	joining of large diameter tubes [NASA-CASE-XMF-05114] c15.N71-17650 Hagnetomotive metal working device [NASA-CASE-XMF-03793] c15.N71-24833 Method and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3] c15.N71-24865 Hethod and apparatus for precision sizing and
SCHORUE, S. B.  High speed binary to decimal convert Patent [NASA-CASE-XGS-01230] SCHRADEE, J. H.  Bultiple input radio receiver Pater [NASA-CASE-XLA-00901] Cooperative Doppler radar system Pi [NASA-CASE-LAB-10403] Apparatus for aiding a pilot in avoid	sion system  c08 N71-19544  nt  c07 N71-10775  atent  c21 N71-11766  iding a	joining of large diameter tubes [NASA-CASE-XMF-05114] c15.N71-17650 Hagnetomotive metal working device [NASA-CASE-XMF-03793] Patent [NASA-CASE-XMF-03793] sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3] c15.N71-24865 Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-2] c15.N71-26148
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SCHORUE, S. B.  High speed binary to decimal conver: Patent [NASA-CASE-IGS-01230]  SCHRADEE, J. H.  Rultiple input radio receiver Pater [NASA-CASE-ILA-00901]  Cooperative Doppler radar system P. [NASA-CASE-LAB-10403]  Apparatus for aiding a pilot in avo. widair collision between aircraft [NASA-CASE-LAR-10717-1]	sion system  c08 N71-19544  nt  c07 N71-10775  atent  c21 N71-11766  iding a	joining of large diameter tubes [NASA-CASE-XMF-05114] c15.N71-17650 Hagnetomotive metal working device [NASA-CASE-XMF-03793] c15.N71-24833 Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-2] c15.N71-26148  SCIACCA, T. P. Device for measuring electron-beam intensities
SCHORUE, S. B.  High speed binary to decimal conver- Patent [NASA-CASE-XGS-01230]  SCHRADEE, J. H.  Hultiple input radio receiver Pater [NASA-CASE-XLA-00901]  Cooperative Doppler radar system P. [NASA-CASE-LAB-10403]  Apparatus for aiding a pilot in avo- midair collision between aircraft [NASA-CASE-LAR-10717-1]  SCHREDER, K. D4	c08 N71-19544  nt c07 N71-10775 atent c21 N71-11766 iding a c21 N73-30641	joining of large diameter tubes [NASA-CASE-XMF-05114] Hagnetomotive metal working device [NASA-CASE-XMF-03793] Hethod and apparatus for precision joining of large diameter tubes [NASA-CASE-XMF-05114-3] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-2] SCIACCA, To Po Device for measuring electron-beam intensities and for subjecting materials to electron
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SCHORUE, S. B.  High speed binary to decimal conver: Patent [NASA-CASE-XGS-01230]  SCHRADEE, J. H.  Hultiple input radio receiver Pater [NASA-CASE-XLA-00901] Cooperative Doppler radar system P. [NASA-CASE-LAB-10403] Apparatus for aiding a pilot in avoudair collision between aircraft [NASA-CASE-LAR-10717-1]  SCHREDER, K. D.  Broadband stable power multiplier [NASA-CASE-XNP-10854]  SCHULLER, F. T. Journal bearings [NASA-CASE-LEH-11076-2] Journal bearings [NASA-CASE-LEH-11076-3] Journal bearings	c08 N71-19544  nt c07 N71-10775 atent c21 N71-11766 iding a c21 N73-30641  Patent c10 N71-26331 c15 N73-20533	joining of large diameter tubes [NASA-CASE-XMF-05114] Hagnetomotive metal working device [NASA-CASE-XMF-03793] Method and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-2] SCIACCA, T. P. Device for measuring electron-beam intensities and for subjecting materials to electron irradiation in an electron microscope [NASA-CASE-XGS-01725] SCOGGIBS, J. R. Heteorological balloon Patent [NASA-CASE-XMF-04163] SCOTT, C. B. Magnifying scratch gage force transducer [NASA-CASE-LAR-10496-1] C15 N71-24833 C15 N71-24833 C15 N71-24865 C15 N71-24865 C15 N71-24865 C15 N71-24865 C15 N71-26148 C15 N71-26148 C15 N71-26148 C16 N71-26148 C17 N71-26148 C18 N71-26148 C19 N71-
SCHORUE, S. B.  High speed binary to decimal conversation  [NASA-CASE-IGS-01230]  SCHRADER, J. H.  Multiple input radio receiver Pater [NASA-CASE-XLA-00901]  Cooperative Doppler radar system P. [NASA-CASE-LAB-10403]  Apparatus for aiding a pilot in avoudair collision between aircraft [NASA-CASE-LAR-10717-1]  SCHREDER, K. D.  Broadband stable power multiplier [NASA-CASE-XNP-10854]  SCHULLER, F. T.  Journal bearings [NASA-CASE-LEH-11076-2]  Journal bearings [NASA-CASE-LEH-11076-3]  Journal bearings [NASA-CASE-LEH-11076-4]	c08 N71-19544  nt     c07 N71-10775 atent     c21 N71-11766 iding a     c21 N73-30641  Patent     c10 N71-26331  c15 N73-20533     c15 N74-10475 c15 N74-10475	joining of large diameter tubes [NASA-CASE-XMF-05114] Hagnetomotive metal working device [NASA-CASE-XMF-03793] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-2] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-2]  SCIACCA, To Po Device for measuring electron-bean intensities and for subjecting materials to electron irradiation in an electron microscope [NASA-CASE-XGS-01725]  SCOGGIBS, Jo Bo Heteorological balloon Patent [NASA-CASE-XHF-04163]  SCOTT, Co Bo Magnifying scratch gage force transducer [NASA-CASE-LAR-10496-1]  C14 N72-22437 SCOTT, Co No
SCHORUE, S. B.  High speed binary to decimal conversation  [NASA-CASE-IGS-01230]  SCHRADER, J. H.  Multiple input radio receiver Pater [NASA-CASE-XLA-00901]  Cooperative Doppler radar system P. [NASA-CASE-LAB-10403]  Apparatus for aiding a pilot in avoudair collision between aircraft [NASA-CASE-LAR-10717-1]  SCHREDER, K. D.  Broadband stable power multiplier [NASA-CASE-XNP-10854]  SCHULLER, F. T.  Journal bearings [NASA-CASE-LEH-11076-2]  Journal bearings [NASA-CASE-LEH-11076-3]  Journal bearings [NASA-CASE-LEH-11076-4]	c08 N71-19544  nt     c07 N71-10775 atent     c21 N71-11766 iding a     c21 N73-30641  Patent     c10 N71-26331  c15 N73-20533     c15 N74-10475 c15 N74-10475	joining of large diameter tubes  [NASA-CASE-XMF-05114]  Hagnetomotive metal working device [NASA-CASE-XMF-03793]  Method and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3]  Method and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3]  Method and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-2]  SCIACCA, T. P.  Device for measuring electron-bean intensities and for subjecting materials to electron irradiation in an electron microscope [NASA-CASE-XGS-01725]  SCOGGIPS, J. B.  Heteorological balloon Patent [NASA-CASE-XMF-04163]  SCOTT, C. B.  Magnifying scratch gage force transducer [NASA-CASE-LAR-10496-1]  C14 N72-22437  SCOTT, C. M. Inflatable transpiration cooled nozzle
SCHORUE, S. B.  High speed binary to decimal conversation  [NASA-CASE-IGS-01230]  SCHRADER, J. H.  Multiple input radio receiver Pater [NASA-CASE-XLA-00901]  Cooperative Doppler radar system P. [NASA-CASE-LAB-10403]  Apparatus for aiding a pilot in avoudair collision between aircraft [NASA-CASE-LAR-10717-1]  SCHREDER, K. D.  Broadhand stable power multiplier [NASA-CASE-INP-10854]  SCHULLER, F. T.  Journal bearings [NASA-CASE-LEH-11076-2]  Journal bearings [NASA-CASE-LEH-11076-4]  Journal bearings [NASA-CASE-LEH-11076-4]  Journal bearings [NASA-CASE-LEH-11076-4]	c08 N71-19544  nt c07 N71-10775 atent c21 N71-11766 iding a c21 N73-30641  Patent c10 N71-26331  c15 N74-10475 c15 N74-18134 c15 N74-21061	joining of large diameter tubes [NASA-CASE-XMF-05114] Hagnetomotive metal working device [NASA-CASE-XMF-03793] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-2] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-2]  SCIACCA, Ta Pa Device for measuring electron-bean intensities and for subjecting materials to electron irradiation in an electron microscope [NASA-CASE-XGS-01725]  SCOGGIPS, Jo Ba Heteorological balloon Patent [NASA-CASE-XMF-04163]  SCOTT, Ca Ba Hagnifying scratch gage force transducer [NASA-CASE-LAR-10496-1]  C14 N72-22437  SCOTT, Ca Ba Inflatable transpiration cooled nozzle [NASA-CASE-HFS-20619]
SCHORUE, S. B.  High speed binary to decimal conversation  [NASA-CASE-IGS-01230]  SCHRADER, J. H.  Multiple input radio receiver Pater [NASA-CASE-XLA-00901]  Cooperative Doppler radar system P. [NASA-CASE-LAB-10403]  Apparatus for aiding a pilot in avoudair collision between aircraft [NASA-CASE-LAR-10717-1]  SCHREDER, K. D.  Broadhand stable power multiplier [NASA-CASE-INP-10854]  SCHULLER, F. T.  Journal bearings [NASA-CASE-LEH-11076-2]  Journal bearings [NASA-CASE-LEH-11076-4]  Journal bearings [NASA-CASE-LEH-11076-4]  Journal bearings [NASA-CASE-LEH-11076-4]	c08 N71-19544  nt c07 N71-10775 atent c21 N71-11766 iding a c21 N73-30641  Patent c10 N71-26331  c15 N74-10475 c15 N74-18134 c15 N74-21061	joining of large diameter tubes [NASA-CASE-XMF-05114] Hagnetomotive metal working device [NASA-CASE-XMF-03793] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3] Hethod and apparatus for precision sizing and joining of large diameter tubes Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-2] SCIACCA, T. P. Device for measuring electron-bean intensities and for subjecting materials to electron irradiation in an electron microscope [NASA-CASE-XGS-01725] SCOGGIBS, J. B. Heteorological balloon Patent [NASA-CASE-XMF-04163] SCOTT, C. E. Hagnifying scratch gage force transducer [NASA-CASE-XMF-0496-1] SCOTT, C. Ma Inflatable transpiration cooled nozzle [NASA-CASE-HFS-20619] SCOTT, R. F. Burrowing apparatus
SCHORUE, S. B.  High speed binary to decimal conver- Patent  [NASA-CASE-KGS-01230]  SCHRADEE, J. H.  Multiple input radio receiver Pater [NASA-CASE-KLA-00901]  Cooperative Doppler radar system Processed for a ding a pilot in avoing a processed for a ding a pilot in avoing a receiver aircraft [NASA-CASE-LAB-10403]  Apparatus for aiding a pilot in avoing aircraft [NASA-CASE-LAB-10717-1]  SCHEBDER, K. D.  Broadband stable power multiplier [NASA-CASE-KNP-10854]  SCHULLEE, F. T.  JOURNAL bearings [NASA-CASE-LEH-11076-2]  JOURNAL bearings [NASA-CASE-LEH-11076-4]  JOURNAL bearings [NASA-CASE-LEH-11076-1]  SCHUHACHER, L.  Hide angle sun sensor [NASA-CASE-NPO-13327-1]	c08 N71-19544  nt c07 N71-10775 atent c21 N71-11766 iding a c21 N73-30641  Patent c10 N71-26331  c15 N74-10475 c15 N74-18134 c15 N74-21061	joining of large diameter tubes [NASA-CASE-XMF-05114] Hagnetomotive metal working device [NASA-CASE-XMF-03793] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-2] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-2]  SCIACCA, T. P.  Device for measuring electron-bean intensities and for subjecting materials to electron irradiation in an electron microscope [NASA-CASE-XGS-01725]  SCOGGIES, J. R.  Heteorological balloon Patent [NASA-CASE-XMF-04163]  SCOTT, C. B.  Hagnifying scratch gage force transducer [NASA-CASE-LAR-10496-1]  SCOTT, C. M.  Inflatable transpiration cooled nozzle [NASA-CASE-HFS-20619]  SCOTT, R. F.  Burrowing apparatus [NASA-CASE-XNP-07169]  C15 N73-32362
SCHORUE, S. B.  High speed binary to decimal conversation  Patent  [NASA-CASE-IGS-01230]  SCHRADER, J. H.  Multiple input radio receiver Pater [NASA-CASE-XLA-00901]  Cooperative Doppler radar system P. [NASA-CASE-LAB-10403]  Apparatus for aiding a pilot in avoudair collision between aircraft [NASA-CASE-LAR-10717-1]  SCHEDER, K. D.  Broadhand stable power multiplier [NASA-CASE-INP-10854]  SCHULLER, F. T.  Journal bearings [NASA-CASE-LEH-11076-2]  Journal bearings [NASA-CASE-LEH-11076-3]  Journal bearings [NASA-CASE-LEH-11076-4]  Journal bearings [NASA-CASE-LEH-11076-1]  SCHUHACHER, L. L.  Hide angle sun sensor [NASA-CASE-NPO-13327-1]  SCHUSTER, D. H.	c08 N71-19544  nt	joining of large diameter tubes [NASA-CASE-XMF-05114] Hagnetomotive metal working device [NASA-CASE-XMF-03793] Method and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-2] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-2]  SCIACCA, T. P. Device for measuring electron-beam intensities and for subjecting materials to electron irradiation in an electron microscope [NASA-CASE-XGS-01725]  SCOGGISS, J. R. Heteorological balloon Patent [NASA-CASE-XMF-04163]  SCOTT, C. B. Hagnifying scratch gage force transducer [NASA-CASE-LAR-10496-1]  SCOTT, C. M. Inflatable transpiration cooled nozzle [NASA-CASE-HFS-20619]  SCOTT, R. F. Burrowing apparatus [NASA-CASE-XNP-07169]  SCOTT, R. R.  Burrowing apparatus [NASA-CASE-XNP-07169]  SCOTT, R. R.
SCHORUE, S. B.  High speed binary to decimal convergation  [NASA-CASE-KGS-01230]  SCHRADER, J. H.  Multiple input radio receiver Pater  [NASA-CASE-KLA-00901]  Cooperative Doppler radar system Properties of the cooperative	c08 N71-19544  nt c07 N71-10775 atent c21 N71-11766 iding a c21 N73-30641  Patent c10 N71-26331 c15 N73-20533 c15 N74-10475 c15 N74-10475 c15 N74-10475 c15 N74-1093 ent c09 N70-35219	joining of large diameter tubes [NASA-CASE-XMF-05114] Hagnetomotive metal working device [NASA-CASE-XMF-03793] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-2]  SCIACCA, T. P.  Device for measuring electron-bean intensities and for subjecting materials to electron irradiation in an electron microscope [NASA-CASE-XGS-01725]  SCOGGIPS, J. H.  Heteorological balloon Patent [NASA-CASE-XMF-04163]  SCOTT, C. B.  Hagnifying scratch gage force transducer [NASA-CASE-XMF-04163]  SCOTT, C. M.  Inflatable transpiration cooled nozzle [NASA-CASE-HFS-20619]  SCOTT, R. F.  Burrowing apparatus [NASA-CASE-XNP-07169]  SCOTT, R. R.  Solar cell including second surface mirrors Patent [NASA-CASE-NPO-10109]  COS N71-11049
SCHORUE, S. B.  High speed binary to decimal conver- Patent  [NASA-CASE-IGS-01230]  SCHRADEE, J. H.  Rultiple input radio receiver Pater [NASA-CASE-ILA-00901]  Cooperative Doppler radar system P. [NASA-CASE-LAB-10403]  Apparatus for aiding a pilot in avoor widair collision between aircraft [NASA-CASE-LAR-10717-1]  SCHEBDER, K. D.  Broadband stable power multiplier [NASA-CASE-INP-10854]  SCHULLEE, F. T.  Journal bearings [NASA-CASE-LEH-11076-2]  Journal bearings [NASA-CASE-LEH-11076-4]  Journal bearings [NASA-CASE-LEH-11076-4]  SCHUHACHBR, L.  Hide angle sun sensor [NASA-CASE-NPO-13327-1]  SCHUSTER, D. H.  Antenna beam-shaping apparatus Pater [NASA-CASE-NPO-0611]  parabolic reflector horn feed with a	c08 N71-19544  nt c07 N71-10775 atent c21 N71-11766 iding a c21 N73-30641  Patent c10 N71-26331 c15 N73-20533 c15 N74-10475 c15 N74-10475 c15 N74-10475 c15 N74-1093 ent c09 N70-35219	joining of large diameter tubes [NASA-CASE-XMF-05114] Hagnetomotive metal working device [NASA-CASE-XMF-03793] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-2]  SCIACCA, T. P.  Device for measuring electron-beam intensities and for subjecting materials to electron irradiation in an electron microscope [NASA-CASE-XGS-01725]  SCOGGIBS, J. R.  Heteorological balloon Patent [NASA-CASE-XMF-04163]  SCOTT, C. B.  Hagnifying scratch gage force transducer [NASA-CASE-LAR-10496-1]  SCOTT, C. M.  Inflatable transpiration cooled nozzle [NASA-CASE-HFS-20619]  SCOTT, R. F.  Burrowing apparatus [NASA-CASE-XNP-07169]  SCOTT, R. R.  Solar cell including second surface mirrors Patent [NASA-CASE-NPO-10109]  SCOTT, S. G.
SCHORUE, S. B.  High speed binary to decimal conversation  Patent  [NASA-CASE-IGS-01230]  SCHRADER, J. H.  Multiple input radio receiver Pater [NASA-CASE-ILA-00901]  Cooperative Doppler radar system P. [NASA-CASE-LAB-10403]  Apparatus for aiding a pilot in avoudiair collision between aircraft [NASA-CASE-LAR-10717-1]  SCHREDER, K. D.  Broadband stable power multiplier [NASA-CASE-INP-10854]  SCHULLER, F. T.  Journal bearings [NASA-CASE-LEH-11076-2]  Journal bearings [NASA-CASE-LEH-11076-4]  Journal bearings [NASA-CASE-LEH-11076-1]  SCHUBACHER, L. L.  Hide angle sun sensor [NASA-CASE-INP-013327-1]  SCHUSTER, D. H.  Antenna beam-shaping apparatus Pater [NASA-CASE-INP-00611]  parabolic reflector horn feed with a correction Patent	c08 N71-19544  nt     c07 N71-10775  atent     c21 N71-11766  iding a     c21 N73-30641  Patent     c10 N71-26331  c15 N73-20533  c15 N74-10475  c15 N74-10475  c15 N74-21061  c14 N74-18093  ent     c09 N70-35219  spillover	joining of large diameter tubes [NASA-CASE-XMF-05114] Hagnetomotive metal working device [NASA-CASE-XMF-03793] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-2]  SCIACCA, T. P.  Device for measuring electron-beam intensities and for subjecting materials to electron irradiation in an electron microscope [NASA-CASE-XGS-01725]  SCOGGIBS, J. R.  Heteorological balloon Patent [NASA-CASE-XMF-04163]  SCOTT, C. B.  Hagnifying scratch gage force transducer [NASA-CASE-LAR-10496-1]  SCOTT, C. M.  Inflatable transpiration cooled nozzle [NASA-CASE-HFS-20619]  SCOTT, R. F.  Burrowing apparatus [NASA-CASE-XNP-07169]  SCOTT, R. R.  Solar cell including second surface mirrors Patent [NASA-CASE-NPO-10109]  SCOTT, S. G.  Nonmagnetic thermal motor for a magnetometer
SCHORUE, S. B.  High speed binary to decimal conversation  Patent  [NASA-CASE-XGS-01230]  SCHRADER, J. H.  Multiple input radio receiver Pater [NASA-CASE-XLA-00901]  Cooperative Doppler radar system Properties of the conversation of the conversat	c08 N71-19544  nt c07 N71-10775 atent c21 N71-11766 iding a c21 N73-30641  Patent c10 N71-26331 c15 N73-20533 c15 N74-10475 c15 N74-10475 c15 N74-10475 c15 N74-18134 c15 N74-21061 c14 N74-18093 ent c09 N70-35219 spillover c09 N70-35382	joining of large diameter tubes [NASA-CASE-XMF-05114] Hagnetomotive metal working device [NASA-CASE-XMF-03793] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3] Hethod and apparatus for precision sizing and joining of large diameter tubes Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-2]  SCIACCA, T. P.  Device for measuring electron-bean intensities and for subjecting materials to electron irradiation in an electron microscope [NASA-CASE-XGS-01725]  SCOGGIBS, J. B.  Heteorological balloon Patent [NASA-CASE-XMF-04163]  SCOTT, C. E.  Hagnifying scratch gage force transducer [NASA-CASE-XMF-0496-1]  SCOTT, C. Na Inflatable transpiration cooled nozzle [NASA-CASE-HFS-20619]  SCOTT, R. F.  Burrowing apparatus [NASA-CASE-XNP-07169]  SCOTT, R. R.  Solar cell including second surface mirrors Patent [NASA-CASE-NPO-10109]  SCOTT, S. G.  Honmagnetic thermal motor for a magnetometer [NASA-CASE-XAR-03786]  C09 N69-21313
SCHORUE, S. B.  High speed binary to decimal conversation  Patent  [NASA-CASE-KGS-01230]  SCHRADER, J. H.  Multiple input radio receiver Pater [NASA-CASE-KLA-00901]  Cooperative Doppler radar system P. [NASA-CASE-LAB-10403]  Apparatus for aiding a pilot in avoudair collision between aircraft [NASA-CASE-LAR-10717-1]  SCHREDER, K. D.  Broadband stable power multiplier [NASA-CASE-LAR-10717-1]  SCHULER, F. T.  Journal bearings [NASA-CASE-LEH-11076-2]  Journal bearings [NASA-CASE-LEH-11076-3]  Journal bearings [NASA-CASE-LEH-11076-4]  Journal bearings [NASA-CASE-LEH-11076-1]  SCHUHACHER, L. L.  Hide angle sun sensor [NASA-CASE-LEH-11076-1]  SCHUHACHER, D. B.  Antenna beam-shaping apparatus Pater [NASA-CASE-NNP-0051]  parabolic reflector horn feed with a correction Patent [NASA-CASE-NNP-0050]  Insertion loss measuring apparatus transformer seams connected across	c08 N71-19544  nt c07 N71-10775 atent c21 N71-11766 iding a c21 N73-30641  Patent c10 N71-26331  c15 N73-20533 c15 N74-10475 c15 N74-10475 c15 N74-10475 c15 N74-10475 c15 N74-21061  c14 N74-21061  c19 N70-35219 spillover c09 N70-35382 baving	joining of large diameter tubes [NASA-CASE-XMF-05114] Hagnetomotive metal working device [NASA-CASE-XMF-03793] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-2]  SCIACCA, T. P.  Device for measuring electron-beam intensities and for subjecting materials to electron irradiation in an electron microscope [NASA-CASE-XGS-01725]  SCOGGIBS, J. R.  Heteorological balloon Patent [NASA-CASE-XMF-04163]  SCOTT, C. B.  Hagnifying scratch gage force transducer [NASA-CASE-LAR-10496-1]  SCOTT, C. M.  Inflatable transpiration cooled nozzle [NASA-CASE-HFS-20619]  SCOTT, R. F.  Burrowing apparatus [NASA-CASE-XNP-07169]  SCOTT, R. R.  Solar cell including second surface mirrors Patent [NASA-CASE-NPO-10109]  SCOTT, S. G.  Nonmagnetic thermal motor for a magnetometer [NASA-CASE-XAR-03786]  SCOTT, H. L.  Tactile sensing means for prosthetic limbs
SCHORUE, S. B.  High speed binary to decimal converse Patent  [NASA-CASE-IGS-01230]  SCHRADER, J. H.  Multiple input radio receiver Pater [NASA-CASE-ILA-00901]  Cooperative Doppler radar system Pines (NASA-CASE-ILA-10403)  Apparatus for aiding a pilot in avour midair collision between aircraft [NASA-CASE-LAR-10717-1]  SCHREDER, N. D.  Broadband stable power multiplier [NASA-CASE-INP-10854]  SCHULLER, F. T.  Journal bearings [NASA-CASE-IEH-11076-2]  Journal bearings [NASA-CASE-IEH-11076-3]  Journal bearings [NASA-CASE-IEH-11076-4]  Journal bearings [NASA-CASE-IEH-11076-1]  SCHUHACHER, L. L.  Hide angle sun sensor [NASA-CASE-NPO-13327-1]  SCHUSTER, D. H.  Antenna beam-shaping apparatus Pater [NASA-CASE-INP-00611]  parabolic reflector horn feed with a correction Patent [NASA-CASE-INP-00540] Insertion loss measuring apparatus transformer means connected across bolometers Patent	c08 N71-19544  nt     c07 N71-10775 atent     c21 N71-11766 iding a     c21 N73-30641  Patent     c10 N71-26331  c15 N74-10475     c15 N74-10475 c15 N74-10475 c15 N74-10134 c15 N74-21061  c14 N74-18093 ent     c09 N70-35219 spillover     c09 N70-35382 having s a pair of	joining of large diameter tubes [NASA-CASE-XMF-05114] Hagnetomotive metal working device [NASA-CASE-XMF-03793] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3] Hethod and apparatus for precision sizing and joining of large diameter tubes Hethod and apparatus for precision sizing and joining of large diameter tubes Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-2]  SCIACCA, T. P.  Device for measuring electron-bean intensities and for subjecting materials to electron irradiation in an electron microscope [NASA-CASE-XGS-01725]  SCOGGIBS, J. B.  Heteorological balloon Patent [NASA-CASE-XMF-04163]  SCOTT, C. B.  Magnifying scratch gage force transducer [NASA-CASE-XMF-0496-1]  SCOTT, C. M.  Inflatable transpiration cooled nozzle [NASA-CASE-LAR-10496-1]  SCOTT, R. F.  Burrowing apparatus [NASA-CASE-XNP-07169]  SCOTT, R. R.  Solar cell including second surface mirrors Patent [NASA-CASE-NPO-10109]  SCOTT, S. G.  Nonmagnetic thermal motor for a magnetometer [NASA-CASE-XAR-03786]  Tactile sensing means for prosthetic limbs [NASA-CASE-HFS-16570-1]  COS N73-32013
SCHORUE, S. B.  High speed binary to decimal conversation  Patent  [NASA-CASE-XGS-01230]  SCHRADER, J. H.  Multiple input radio receiver Pater [NASA-CASE-XLA-00901]  Cooperative Doppler radar system Properties of aiding a pilot in avoing a properties of aiding a pilot in avoing a post aiding a pilot in avoing a pilot in avoing a pilot in avoing a paratus Pater aiding a paratus Pater aiding a paratus Pater aiding apparatus Pater aiding apparatus Pater aiding apparatus Pater aiding apparatus aiding aiding apparatus aiding aiding apparatus aiding aiding aiding apparatus aiding aiding apparatus aiding aid	c08 N71-19544  nt c07 N71-10775 atent c21 N71-11766 iding a c21 N73-30641  Patent c10 N71-26331  c15 N73-20533 c15 N74-10475 c15 N74-10475 c15 N74-10475 c15 N74-10475 c15 N74-21061  c14 N74-21061  c19 N70-35219 spillover c09 N70-35382 baving	joining of large diameter tubes [NASA-CASE-XMF-05114] Hagnetomotive metal working device [NASA-CASE-XMF-03793] Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3] Hethod and apparatus for precision sizing and joining of large diameter tubes Hethod and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-2]  SCIACCA, T. P.  Device for measuring electron-beam intensities and for subjecting materials to electron irradiation in an electron microscope [NASA-CASE-XGS-01725]  SCOGGIBS, J. B.  Heteorological balloon Patent [NASA-CASE-XMF-04163]  SCOTT, C. B.  Hagnifying scratch gage force transducer [NASA-CASE-XMF-04163]  SCOTT, C. N.  Inflatable transpiration cooled nozzle [NASA-CASE-HFS-20619]  SCOTT, R. F.  Burrowing apparatus [NASA-CASE-XNP-07169]  SCOTT, R. G.  Nonmagnetic thermal motor for a magnetometer [NASA-CASE-XAR-03786]  SCOTT, H. L.  Tactile sensing means for prosthetic limbs [NASA-CASE-HFS-16570-1]  SCOUD, J.
SCHORUE, S. B.  High speed binary to decimal converse Patent  [NASA-CASE-IGS-01230]  SCHRADER, J. H.  Multiple input radio receiver Pater [NASA-CASE-ILA-00901]  Cooperative Doppler radar system Pines (NASA-CASE-ILA-10403)  Apparatus for aiding a pilot in avour midair collision between aircraft [NASA-CASE-LAR-10717-1]  SCHREDER, N. D.  Broadband stable power multiplier [NASA-CASE-INP-10854]  SCHULLER, F. T.  Journal bearings [NASA-CASE-IEH-11076-2]  Journal bearings [NASA-CASE-IEH-11076-3]  Journal bearings [NASA-CASE-IEH-11076-4]  Journal bearings [NASA-CASE-IEH-11076-1]  SCHUHACHER, L. L.  Hide angle sun sensor [NASA-CASE-NPO-13327-1]  SCHUSTER, D. H.  Antenna beam-shaping apparatus Pater [NASA-CASE-INP-00611]  parabolic reflector horn feed with a correction Patent [NASA-CASE-INP-00540] Insertion loss measuring apparatus transformer means connected across bolometers Patent	c08 N71-19544  nt c07 N71-10775 atent c21 N71-11766 iding a c21 N73-30641  Patent c10 N71-26331  c15 N73-20533 c15 N74-10475 c15 N74-10475 c15 N74-10475 c15 N74-1061  c14 N74-18093 ent c09 N70-35219 spillover c09 N70-35382 having s a pair of c10 N71-16057	joining of large diameter tubes [NASA-CASE-XMF-05114]  Hagnetomotive metal working device [NASA-CASE-XMF-03793]  Method and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3]  Method and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-3]  Method and apparatus for precision sizing and joining of large diameter tubes [NASA-CASE-XMF-05114-2]  SCIACCA, T. P.  Device for measuring electron-beam intensities and for subjecting materials to electron irradiation in an electron microscope [NASA-CASE-XGS-01725]  SCOGGIBS, J. R.  Heteorological balloon Patent [NASA-CASE-XMF-04163]  SCOTT, C. R.  Magnifying scratch gage force transducer [NASA-CASE-XMF-04163]  SCOTT, C. N.  Inflatable transpiration cooled nozzle [NASA-CASE-LAR-10496-1]  SCOTT, R. F.  Burrowing apparatus [NASA-CASE-XNP-07169]  SCOTT, R. R.  Solar cell including second surface mirrors Patent [NASA-CASE-NPO-10109]  SCOTT, S. G.  Nonmagnetic thermal motor for a magnetometer [NASA-CASE-XAR-03786]  SCOTT, B. L.  Tactile sensing means for prosthetic limbs [NASA-CASE-HFS-16570-1]

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Lugar cana man in inda	c14 N73-25461	Solid propellant rocket motor	:
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Ceramic insulation for radiant heat environments and method of prepar Patent [NASA-CASE-MFS-14253]  SELLEN, Jo Ho, JBo Method and apparatus for measuring plasmas Patent [NASA-CASE-XLE-00821] Apparatus for field strength measur space vehicle Patent [NASA-CASE-XLE-00820] Apparatus for measuring electric fi on the surface of a model vehicle [NASA-CASE-XLE-02038]  SERAFINI, To To Preparation of polyimides from mixt monomeric diamines and esters of polycarboxylic acids [NASA-CASE-LEW-11325-1] Fabrication of polyphenylquinoxalin	ing the same  c33 N71-24858  potentials in  c25 N71-15650  ement of a  c14 N71-16014  eld strength  Patent  c09 N71-16086  ures of  c06 N73-27980  e composite	[NASA-CASE-MSC-12609-1] SHEPARD, S. K.  Peak polarity selector Patent [NASA-CASE-PRC-10010] SHERBURNE, A. E. Capacitive tank gaging apparatus be independent of liquid distribution [NASA-CASE-MFS-21629] SHERFEY, J. M. Bonded elastomeric seal for electrocells Patent [NASA-CASE-XGS-02631] Processes for making sheets with perof uniform size [NASA-CASE-GSC-10984-1] Prangible electrochemical cell [NASA-CASE-XGS-10010] SHERMAN, A. Annular slit colloid thrustor Paten [NASA-CASE-GSC-10709-1]	c10 N71-24862 eing c14 N72-22442 cchemical c03 N71-23006 arallel pores c15 N71-34427 c03 N72-15986
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Focussing system for an ion source h	aving	STARK, K. S.	
apertured electrodes Patent [NASA-CASE-XNP-03332]	c09 N71-10618	<pre>Rndless tape cartridge Patent [NASA-CASE-XGS-00769]</pre>	c14 N70-41647
SPRUCER, B., JR.	203 271 10010	Endless tape transport mechanism Pa	tent
Variable geometry manned orbital weh		[NASA-CASE-XGS-01223]	_c07 N71-10609
[NASA-CASE-XLA-03691] SPENCER, D. J.	c31 N71-15674	Annular slit colloid thrustor Paten [NASA-CASE-GSC-10709-1]	c28 N71-25213
Data compression system with a minim	on time	Micro-pound extended range thrust st	
delay unit Patent	-00 774 40506	[NASA-CASE-GSC-10710-1]	c28 N71-27094
[NASA-CASE-INP-08832] SPENCER, J. L.	c08 N71-12506	STARK, R. S. Solid propellant liner Patent	•
Electronic strain-level counter		[NASA-CASE-XNP-09744]	c27 N71-16392
[NASA-CASE-LAR-10756-1]	c32 N73-26910	STARKEY, Do de	
SPENCER, P. R. Radiation direction detector includi	ng means for	Torsional disconnect unit [NASA-CASE-NPO-10704]	c15 N72-20445
compensating for photocell aging	Patent	STEELE, E. R.	*
[NASA-CASE-XLA-00183]	c14 N70-40239	Satellite aided vehicle avoidance sy	
SPENCER, R. L. Thickness measuring and injection de	vice Patent	[NASA-CASE-ERC-10090] Improved satellite aided webicle avo	c21 N71-24948 idance system
[NASA-CASE-MFS-20261]	c14 N71-27005	[NASA-CASE-ERC-10419]	c21 x72-21631
plinasonic scanner for radial and fl		STRENHAGEN, G.	
[NASA-CASE-MFS-20335-1] SPIER, R. A.	c14 N74-10415	Expansible support means [NASA-CASE-NPO-11059]	c15 N72-17454
Portable milling tool Patent	_	STEENEN, J.	
[NASA-CASE-INF-03511]	c15 N71-22799	Relief valve	-15 N60-2102#
Restraint system for ergometer [NASA-CASE-TPS-21046-1]	c14 N73-27377	[NASA-CASE-XHS-05894-1] STEPURAR, H. L.	c15 N69-21924
Tilting table for ergometer and for		Telemetry processor	
biomedical devices [NASA-CASE-NFS-21010-1]	c05 N73-30078	[NASA-CASE-GSC-11388-1]	c07 N73-24187
vee-notching device	000 PIO-20010	STEIN, R. J. Continuous detonation reaction engin	e Patent
[ NASA-CASE-HFS-20730-1]	c14 N74-13131	[NASA-CASE-XMF-06926]	c28 N71-22983
SPIES, R. Observation window for a gas confini	ng chamber	STEIN, S. Injector-walve device Patent	
[HASA-CASE-NPO-10890]	c11 N73-12265	[NASA-CASE-XLE-00303]	c15 N70-36595

Rocket engine injector Patent	00 NZO 20400	Apparatus for statistical time-series of electrical signals	analysis
[NASA-CASE-XLE-00111] Rocket engine injector Patent	c28 N70-38199		c10 N73-25240
[NASA-CASE-XLE-03157]	c28 N71-24736	STRUART, R. B.	
STRINGRED R.	. Dobant	Apparatus and method for generating I flow of high temperature air at hyp	
Solid state power mapping instrument [NASA-CASE-XLE-00301]	C14 N70-36808	speeds	
Molecular beam velocity selector Pa	itent	[ NASA-CASE-LAR-10612-1]	c12 #73-28144
[NASA-CASE-XLE-01533]	c11 H71-10777	STEWART, W. L.  Multistage multiple-reentry turbine	Patent
STEIRET2, C. P. Energy limiter for hydraulic actuate	ors Patent	[NASA-CASE-XLE-00170]	c15 N70-36412
[ MASA-CASE-ARC-10131-1]	c15 N71-27754	Multistage multiple-reentry turbine	Patent c28 N70-39895
STELBEN, J. J.		[NASA-CASE-RLE-00085] STICKLE, J. W.	CZO B/U-39093
Recorder/processor apparatus [NASA-CASE-GSC-11553-1]	c07 N74-15831	Direct lift control system Patent	
STRLL Ro Bo		[NASA-CASE-LAR-10249-1]	c02 871-26110
Insitu transfer standard for utlrahingage calibration	igh vacuum	STIPPLEE, J. J.  Error correcting method and apparatus	s Patent
[ NASA-CASE-LAR-10862-1]	c14 N74-15092	(MASA-CASE-XNP-02748)	COS N71-22749
STELLA, A. J.		Bncoder/decoder system for a rapidly synchronizable binary code Patent	
<pre>Flectrical connector pin with wiping [NASA-CASE-IMF-04238]</pre>	C09 N69-39734	[NASA-CASE-NPO-10342]	c10 N71-33407
STELZBIED, C. T.		STIGHERG. J. D.	
Reflectometer for receiver input imp	pedance match	Signal conditioner test set [NASA-CASE-KSC-10750-1]	c14 N73-23527
measurement Patent [NASA-CASE-XNP-10843]	c07 N71-11267	Optical rotational sensor	
Multi-feed cone Cassegrain antenna	Patent	[NASA-CASE-KSC-10752-1]	c15 N73-27407
[NASA-CASE-WPO-10539] Matched thermistors for microwave Po	C07 N71-11285	STIME, No Ac Electric arc apparatus Patent	
Patent	VICE ROCCED	[NASA-CASE-XAC-01677]	c09 N71-20816
[ NASA-CASE-NPO-10348 ]	c10 N71-12554	STOCKARD, R. R.	d etrain
Broadband microwave waveguide window [NASA-CASE-XNP-08880]	CO9 N71-24808	Semiconductor p-n junction stress and sensor	ı strarı
Rotary wane attenuator wherin rotor		[NASA-CASE-XLA-04980]	CO9 N69-27422
orthogonally disposed resistive a	nd dielectric	Method of making semiconductor p-n ju stress and strain sensor	unction
cards [NASA-CASE-NPO-11418-1]	c14 873-13420	[NASA-CASE-XLA-04980-2]	c14 N72-28438
STENGEL, R. F.	,	STOKES, C. S.	
Wind velocity probing device and me	thod Patent c20 N71-16281	Barium release system [HASA-CASE-LAR-10670-2]	c13 N72-29425
[NASA-CASE-XLA-02081] STENLUND, S. J.	CZW M71 10201	Bariqm release System	
Rotating mandrel for assembly of in	flatable	[ NASA-CASE-LAR-10670-1 ]	c06 N73-3009
devices Patent [NASA-CASE-XLA-04143]	c15 N71-17687	STOLLER, F. W.  Reversible motion drive system Pate	nt
Traveling sealer for contoured table		[NASA-CASE-NPO-10173]	c15 N71-24690
[NASA-CASE-XLA-01494]	c15 N71-24164	STORE, P. A. Synchronous servo loop control syste	m Datent
STRPHENS, D. G. Plexible ring slosh damping baffle	Patent	[ NASA-CASE-XNP-03744]	c10 N71-2044
[ NASA-CASE-LAR-10317-1]	c32 N71-16103	STORE, H. R., JR.	
Instrument for measuring the dynamic	c behavior of	Wing upper surface flap [NASA-CASE-LAR-11140-1]	c02 N73-2000
liquids Patent [NASA-CASB-XLA-05541]	c12 N71-26387	STONE, L. P.	
Active wibration isolator for flexi-	ble bodies	Articulated Bultiple couch assembly	Patent c05 N71-1234.
Patent [NASA-CASE-LAR-10106-1]	c15 N71-27169	[NASA-CASE-MSC-11253] STONE, R. W., JR.	COS M71-1234
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vertical cushion response	-02 873-12022	[NASA-CASE-XLA-02898] STONE, S. R.	c05 N71-2026
[NASA-CASE-LAR-10531-1] Recording apparatus	c02 N73-13023	Fluid sample collector Patent	
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STEPHERS, D. L. Automatic closed circuit television	erc anidence	STORY, A. W. System for indicating direction of i	ntruder
control Patent	are daragnee	aircraft	
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STEPHENS, J. B. Microbalance including crystal osci	llators for	Display system [WASA-CASE-ERC-10350]	c14 N73-2047
measuring contaminates in a gas s	ystem Patent	STRAIGHT, D. M.	
	c14 N71-17701	Rocket motor system Patent [WASA-CASE-XLE-00323]	c28 N70-3850
Space simulator Patent [NASA-CASE-NPQ-10141]	c11 N71-24964	Gas turbine exhaust nozzle	
STERN, N.		[ NASA-CASE-LEW-11569-1 ]	c28 N74-1545
Reversible current control apparatu	s Patent c10 N71-18724	STRAND, L. D. Solid propellant rocket motor	
[WASA-CASE-WLA-09371] STREERTT, J. R.	\$10 B11-10124	(NASA-CASE-NPO-11559)	c28 N73-2478
Laser grating interferometer Paten		STRANGE, N. G.	1:
[NASA-CASE-NLA-04295] STRTSOR, A. R.	c16 N71-24170	Position sensing device employing mi magnetic field generating and dete	saligned cting
Silicide coatings for refractory me	tals Patent	apparatus Patent	
[NASA-CASE-XLE-10910]	c18 N71-29040	[NASA-CASE-XGS-07514]	c23 N71-1609
STRUDL, Bo Ho Controlled caging and uncaging mech	anism Patent	Self-regulating proportionally contr heating apparatus and technique	otted
Application		[ NASA-CASE-GSC-11752-1 ]	c33 N74-1958
(WASA-CASE-GSC-11063-1]	c03 N70-35584	STRASS, H. K. Motion picture camera for optical py	rometry Datem
STEVERSON, L. E. Aircraft control system	•	r nasa-case-xla-000621	c14 N70-3325
[NASA-CASE-ERC-10439]	c02 N73-19004	Light intensity modulator controller	Patent
STRUMBT, C. E. Family of frequency to amplitude co	invarters	[NASA-CASE-XMS-04300] STRBED, E. R.	c09 N71-1947
[NASA-CASE-MSC-12395]	c09 #72-25257	Solar cell Patent	

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STROH, T. E. Spiral groove seal	SGAID, R. L. Spherical solid-propellant rocket motor Patent
[NASA-CASE-XLE-10326-2] c15 N72-29488	[NASA-CASE-XLA-00105] C28 N70-33331
Spiral groove seal	S0460, R. T.
[MASA-CASE-XLE-10326-4]	Sandwich panel construction Patent [NASA-CASE-XLA-00349] c33 N70-37979
Stirring apparatus for plural test tubes Patent	Dielectric molding apparatus Patent
[NASA-CASE-XAC-06956] c15 N71-21177	[NASA-CASE-LAR-10121-1] c15 N71-26721
STROUP, B. R. R. Riectrochemical coulometer and method of forming	SCELT, J. C. Energency escape system Patent
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[MASA-CASE-XGS-05434] c03 H71-20491	SHEET, G. R.
STRULL, G. Solid state television camera system Patent	Conpensating radiometer [NASA-CASE-XLA-04556] C14 N69-27484
[NASA-CASE-IHF-06092] c07 871-24612	Spherical measurement device
STUART, J. L.	[NASA-CASE-XLA-06683] c14 H72-28436
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STOART, J. 8.	[NASA-CASE-XES-04533] c15 N71-23086
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[NASA-CASE-GSC-10072] c18 N71-14014 Diffuse reflective coating	Hethod of fabricating an object with a thin wall, having a precisely shaped slit
[NASA-CASE-GSC-11214-1] c06 N73-13128	[NASA-CASE-LAR-10409-1] C15 B74-21059
SCOCKEY, J. H.	STORDS, B. B.
Panelized high performance multilayer insulation Patent	Adjustable force probe [NASA-CASE-HPS-20760] c14 N72-33377
[NASA-CASE-MFS-14023] c33 N71-25351	STVERTSON, C. A.
Cryogenic thermal insulation Patent	Flight craft Patent
[NASA-CASE-XHF-05046] c33 h71-20892 SPUDBRICK, D. K.	[NASA-CASE-XAC-02058] c02 N71-16087
System for stabilizing torque between a balloon	T
and gondola	**
[NASA-CASE-GSC-11077-1] c02 N73-13008 STUDER, P. A.	TADDRO, P. V. Pulse generating circuit employing switch means
Electronic beam switching commutator Patent	on ends of delay line for alternately charging
[WASA-CASE-IGS-01451] c09 N71-10677	and discharging same Patent
Direct current motor with stationary armature and field Patent	[ WASA-CASE-XNP-00745 ] C10 N71-28960 TALBOT, B. H.
[NASA-CASE-XGS-05290] C09 N71-25999	Protection for energy conversion systems
Hagnetic bearing Patent Application	[NASA-CASE-XGS-04808] CO3 N69-25146
[NASA-CASE-GSC-11079-1] c21 N71-28461 Helical recorder arrangement for multiple	Inverter with means for base current shaping for sweeping charge carriers from base region Patent
channel recording on both sides of the tape	[NASA-CASE-XGS-06226] c10 N71-25950
[NASA-CASE-GSC-10614-1] CO9 N72-11224	TALLEY, D. H.
Electric motive machine including magnetic bearing [NASA-CASE-XGS-07805] c15 N72-33476	Response analyzers for sensors Patent [NASA-CASE-HFS-11204] c14 N71-29134
STUMP, E. C.	TASHBAR, P. C.
Highly fluorinated polyurethanes	System for depositing thin films
[NASA-CASE-NPO-10767-1]	[NASA-CASE-HFS-20775-1] c26 N73-23770
Hydroxy terminated perfluoro ethers Patent	Radial module space station Patent
[NASA-CASE-NPO-10768] c06 N71-27254 Perfluoro polyether acyl fluorides	[ NASA-CASE-XMS-01906] c31 N70-41373
[NASA-CASE-NPO-10765] c06 N72-20121	TAUSHORTHE, R. C. Filter for third order phase locked loops
Polyurethane resins from hydroxy terminated	[NASA-CASE-NPO-11941-1] c10 N73-27171
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[NASA-CASE-NPO-10767-2] c06 N72-27151	[NASA-CASE-XGS-04993] c14 N71-17574
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STORE, R. G.	TAYLOR, L. V.
Self-recording portable soil penetrometer [MASA-CASE-BFS-20774] c14 N73-19420	Plural position switch status and operativeness checker Patent
STURNAR, J. C.	[NASA-CASE-XLA-08799] c10 M71-27272
Pulsed differential comparator circuit Patent	TAYLOR, R. A.
[NASA~CASE-XLE-03804] c10 071-19471 STYLES, C- H-	Digital computing cardiotachometer [NASA-CASE-HPS-20284-1] C05 N74-12778
Spherical solid-propellant rocket motor Patent	[NASA-CASE-HPS-20284-1]
[WASA-CASE-XLA-00105] c28 W70-33331	Sulti axes vibration fixtures
SUBER, J.  Low speed phaselock speed control system	[NASA-CASE-EFS-20242] c14 N73-19421
[NASA-CASE-GSC-11127-1] CO9 N74-10202	TAYLOR, E. E. Automatic acquisition system for phase-lock loop
SULLIVAU, D. B.	[NASA-CASE-XGS-04994] c09 N69-21543
Electrical insulating layer process [NASA-CASE-LEG-10489-1] c15 N72-25447	Polarization diversity monopulse tracking
SOLLIVAN, R. C.	receiver Patent [NASA-CASE-MGS-03501] c09 N71-20864
artation ambiglo and mathod	Electromagnetic polarization systems and methods
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SULLIVAB, T. B. Baveguide mixer	TCHERNEY, D. I.
[NASA-CASE-ERC-10179] c07 h72-20141	Variable frequency nuclear magnetic resonance
STURREFIELD, D. G. Sind tunnel model and method	spectrometer Patent [MASA-CASE-XNP-09830] c14 N71-26266
[NASA-CASE-LAR-10812-1] c11 N74-17955	[NASA-CASE-INP-09830]
SUTLIFF, J. D. Hing deployment method and apparatus Patent	Television signal scan rate conversion system Patent

[NASA-CASE-INS-07168] CO7 N71-11300	THOMPSON, R. B.
SECURITY C P.	On-film optical recording of camera lens settings [NASA-CASE-MSC-12363-1] c14 N73-26431
higital second-order phase-locked loop	THOMSON, A. R.
[NASA-CASE-NPO-11905-1] COS N74-12887 TETTELBAUM, S.	Pulsed energy power system Patent
Frequency shift keyed demodulator Patent	[NASA-CASE-MSC-13112] c03 N71-11057
[NASA-CASE-XGS-02889] C07 N71-11282	THORNTOF, G. R. Hole cutter
TENG, R. B.	[NASA-CASE-MFS-22649-1] c15 N73-32376
Collapsible pistons [NASA-CASE-MSC-13709-1] c11 N73-32152	THORNWALL, J. C.
PPDDIT. A.	Regulated dc to dc converter [NASA-CASE-XGS-03429] c03 N69-21330
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[NASA-CASE-LEW-11169-1] C15 N/4-18131 TERSELIC, B. A.	with blocking oscillator feedback Patent
Split welding chamber Patent	[NASA-CASE-XGS-03303] C08 N71-18595
[NASA-CASE-LEW-11531] C15 N71-14932	Stepping motor control circuit Patent [NASA-CASE-GSC-10366-1] c10 N71-18772
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Patent	Droplet monitoring probe
[NASA-CASE-XNP-01383] c09 N71-10659	[NASA-CASE-NPO-10985] c14 N73-20478
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method of operation Patent	TILLER, N. G.
[NASA-CASE-XLE-01645] c03 N71-20904	Device for measuring bearing preload  (Nasi-Case-MFS-20434)
THIRDDARY, J. G., JR.	(NASA-CASE-MFS-20434) c11 N72-25288
Spherical solid-propellant rocket motor Patent [NASA-CASE-XLA-00105] c28 N70-33331	Counter Patent
Mandrel for shaping solid propellant rocket fuel	[NASA-CASE-XNP-06234] C10 N71-27137
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[NASA-CASE-XLA-00304] c27 N70-34783	rnasa-case-npo-115721 co7 n73-16121
Method of making a solid propellant rocket motor Patent	Receiver with an improved phase lock loop in a
[NASA-CASE-XLA-04126] c28 N71-26779	multichannel telemetry system with suppressed
TRIBL. A. M.	carrier [NASA-CASE-NPO-11593-1] c07 N73-28012
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THIBLE, C.	Stabilization of gravity oriented satellites
Space simulator Patent	Patent [NASA-CASE-XAC-01591] c31 N71-17729
Luman and and an and a	TISCHLER, R. F.
Inflation system for balloom type satellites	Probes having ring and primary sensor at same
Patent	potential to prevent collection of stray wall currents in ionized gases
[NASA-CASE-XGS-03351] C31 N71-16081	[NASA-CASE-XLE-00690] C25 N69-39884
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[NASA-CASE-XLA-00327] C25 N71-29184	Thermostatic actuator [NASA-CASE-NPO-10637] c15 N72-12409
THOMAS, Do Fo	Thermal motor
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[MASA-CASE-XLA-08491] C05 N69-21380 Kinesthetic control simulator Patent Application	TOCK - R. W.
[NASA-CASE-LAR-10276-1] c11 N70-26813	Mixture separation cell Patent [NASA-CASE-XMS-02952] c18 N71-20742
THOMAS, H. N.	<u> </u>
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THOMAS, No. B.	controlled porosity Patent
Optical communications system Patent	[NASA-CASE-LEW-10393-1] c17 N71-15468 Shock tube powder dispersing apparatus Patent
[NASA-CASE-XLA-01090] c07 N71-12389	[NASA-CASE-XLE-04946] c17 N71-24911
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Thermocouple tape	production thereof [NASA-CASE-GSC-11188-2] . c21 N73-19630
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THOMASON, H. E.	Formation of star tracking reticles [NASA-CASE-GSC-11188-3] c14 N74-20008
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three-axes systems Patent	Variable sweep wing aircraft Patent
[NASA-CASE-XMP-00684] C21 N71-21688	[NASA-CASE-XLA-00221] c02 N70-33266
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[NASA-CASE-IMF-01669] c21 N71-23289 Reuseable space transportation system	elevators
[NASA-CASE-MFS-21527] c31 M72-15781	[NASA-CASE-KSC-10513] c15 N72-25453
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Cascaded complementary pair broadband transistor amplifiers Patent	[NASA-CASE-NPO-11091] c18 N72-22567
[NASA-CASE-NPO-10003] c10 N71-26415	TONLINSON, L. E.
THOMPSON, J. R., JR.	Temperature sensitive flow regulator Patent rwasa-Case-MFS-142591 c15 N71-19213
Inflatable transpiration cooled nozzle [NASA-CASE-MFS-20619] c28 N72-11708	[NASA-CASE-MFS-14259] c15 N71-19213 TONGIER, M., JR.
[NASA-CASE-MFS-20619] c28 N72-11708	Absolute focus lock for microscopes

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TOOLE, P. C. High speed direct binary-to-binary coded deci	[NASA-CASE-MFS-10509]
Converter	Data compression system with a minimum time
[NASA-CASE-KSC-10326] c08 N72- High speed direct binary to binary coded deci	21197 delay unit Patent mal [NASA-CASE-XNP-08832] c08 N71-12506
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[NASA-CASE-KSC-10595] c08 N73-	12176 Heat protection apparatus Patent
TOPITS, A., JR. High impact pressure regulator Patent	[NASA-CASE-XLA-00892] c33 N71-17897
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Apparatus for forming drive belts	[NASA-CASE-NPO-11751] " c07 N73-24176
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Ultrahigh vacuum gauge having two collector	[NASA-CASE-NPO-12115-1] c06 n73-17153
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POTH, L. B.	32324 Condensate removal device for heat exchange [NASA-CASE-MSC-14143-1] c33 N73-32823
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[NASA-CASE-INP-09452] c15 N69-	27504 High intensity heat and light unit Patent [NASA-CASE-XLA-00141] c09 N70-33312
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[NASA-CASE-HQN-10541-1] c07 N71- Laser machining apparatus Patent	- NA
[NASA-CASE-HQN-10541-2] c15 N71-	[NASA-CASE-ERC-10001] c23 N71-24868 27135 Electromechanical control actuator system Patent
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system Patent [NASA-CASE-BQN-10541-4] c16 N71-	Optical system support apparatus
Optical frequency waveguide and transmission	27183 [NASA-CASE-XER-07896-2] c23 N72-22673 TSUDA, G. I.
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[NASA-CASE-HQN-10541-3] c23 N72- POBBSEND, B. B.	23695 [NASA-CASE-GSC-113173] G09 N74-20863 TSUTSUHI, K.
Digital telemetry system Patent	Hydraulic drive mechanism Patent
[NASA-CASE-XGS-01812] c07 N71-	•
New polymers of perfluorobutadiene and method	of Continuous detonation reaction engine Patent
manufacture Patent application	[NASA-CASE-XMF-06926] c28 N71-22983
[NASA-CASE-NPO-10863] c06 N70- Bethod of polymerizing perfluorobutadiene Pat	11251 TUCKER, B. H.
application	ent Coupling device [NASA-CASE-NMS-07846-1] c09 N69-21927
[NASA-CASE-NPO-10447] CO6 N70-	1252 Space suit heat exchanger Patent
Otilization of oxygen difluoride for synthese of fluoropolymers	[NASA-CASE-XMS-09571] c05 N71-19439 Extravehicular tunnel suit system Patent
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[NASA-CASE-NPO-10862] CO6 N72 Polymers of perfluorobutadiene and method of	22107 Minimech self-deploying boom mechanism [NASA-CASE-GSC-10566-1] c15 N72-18477
manufacture	Tong, Y.
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REDT, Ro Lo	Anemometer with braking mechanism Patent
Location identification system	[NASA-CASE-XMF-05224] c14 N71-23726
[NASA-CASE-ERC-10324] C07 N72-2	5173 Baxometers (peak wind speed anemometers) [NASA-CASE-HFS-20916] c14 N73-25460
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polycarbonates	channel recording on both sides of the tape
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ULRICH. B. R.	-31 - 3 - 1 - 1	[NASA-CASÉ-LEW-10155-1] VAUGHAN, G. R.	c09 N71-29035
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ULBICH, D. R.	****	controlled oscillator Patent	40 874 33588
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Latching device	45 972 00047		c07 N72-25171
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Collimator of multiple plates with aligned identical random arrays	of apertures	Angular position and velocity sensing	g apparatus
[ NASA-CASE-MFS-20546-2 ]	c14 N73-30389	Patent	c14 N71-17585
ORSERY, B. C. Collapsible nozzle extension for re	ocket engines	[NASA-CASE-XGS-05680] Bidirectional step torque filter wit	
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(NASA-CASE-NPO-10883) VALIBSKY, J. P.	c31 N72-22874	[NASA-CASE-GSC-11551-1] VERNILLION, C. H.	013 474 10132
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[NASA-CASE-MFS-21556-1]	c14 N73-20487	[NASA-CASE-GSC-10185-1] VERNILLION, C. M.	c07 N72-12081
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[NASA-CASE-MFS-21364-1]	c15 N74-18126	and separately recording dc signal	separating and an ac
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[NASA-CASE-MPS-21364-1]  VANDERIET, E. K.  Hagnetic power switch Patent [NASA-CASE-NPO-10242]  VANGO, S. P.  Liquid junction and method of fabr same Patent Application	c15 N74-18126 c09 N71-24803 icating the	and separately recording dc signal signal Patent [NASA-CASE-KMS-06061] VICKERS, J. H. P. Intermittent type silica gel adsorpt refrigerator Patent [NASA-CASE-XNP-00920]	c05 N71-23317
[NASA-CASE-MPS-21364-1]  VANDBRIET, R. K.  Magnetic power switch Patent [NASA-CASE-NPO-10242]  VANGO, S. P.  Liquid junction and method of fabr same Patent Application [NASA-CASE-NPO-10682]	c15 N74-18126 c09 N71-24803 icating the c15 N70-34699	and separately recording dc signal signal Patent [NASA-CASE-KMS-06061] VICKERS, J. H. P. Intermittent type silica gel adsorpt refrigerator Patent [NASA-CASE-XNP-00920] VIBAL, A. W.	c05 N71-23317 co5 N71-23317 con
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[NASA-CASE-MPS-21364-1]  VANDERIET, R. K.  Magnetic power switch Patent [NASA-CASE-NPO-10242]  VANGO, S. P.  Liquid junction and method of fabr same Patent Application [NASA-CASE-NPO-10682]  Flexible composite membrane Paten [NASA-CASE-NP-08837]  VANNUCCI, R. D.  Fabrication of polyphenylquinoxali	c15 N74-18126 c09 N71-24803 icating the c15 N70-34699 t c18 N71-16210 ne composite	and separately recording dc signal signal Patent [NASA-CASE-KMS-06061]  VICKERS, J. H. P. Intermittent type silica gel adsorpt refrigerator Patent [NASA-CASE-XNP-00920]  VIDAL, A. W. Redundant memory organization Patent [NASA-CASE-GSC-10564]  VINCENT, J. S. Method of forming thin window drifte	cos N71-23317  cion  c15 N71-15906  at  c10 N71-29135
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[NASA-CASE-MPS-21364-1]  VANDRRIET, R. K.  Magnetic power switch Patent [NASA-CASE-NPO-10242]  VANGO, S. P.  Liquid junction and method of fabr same Patent Application [NASA-CASE-NPO-10682]  Flexible composite membrane Paten [NASA-CASE-INF-08837]  VANUCCI, R. D.  Fabrication of polyphenylquinoxali articles by means of in situ pol monomers [NASA-CASE-LEW-11879-1]  VANO, A. B. Quick attach mechanism Patent	c15 N74-18126  c09 N71-24803  icating the  c15 N70-34699  t c18 N71-16210  ne composite ymerization of  c18 N74-20152	and separately recording dc signal signal Patent [NASA-CASE-KMS-06061]  VICKERS, J. H. P. Intermittent type silica gel adsorpt refrigerator Patent [NASA-CASE-XNP-00920]  VIBAL, A. W.  Redundant memory organization Patent [NASA-CASE-GSC-10564]  VIDCENT, J. S. Method of forming thin window drifted charged particle detector Patent [NASA-CASE-XLE-00808]  VIVIAN, H. C. Photosensitive device to detect bear deviation Patent	cos N71-23317  cos N71-23317  cos N71-15906  cos N71-29135  ed silicon  c24 N71-10560
[NASA-CASE-MPS-21364-1]  VANDERIET, R. K.  Hagnetic power switch Patent [NASA-CASE-NPO-10242]  VANGO, S. P.  Liquid junction and method of fabr same Patent Application [NASA-CASE-NPO-10682] Flexible composite membrane Paten [NASA-CASE-INF-08837]  VANNUCCI, R. D.  Fabrication of polyphenylquinoxali articles by means of in situ pol monomers [NASA-CASE-LEW-11879-1]  VANO, A. B.  Quick attach mechanism Patent [NASA-CASE-IFE-05421]	c15 N74-18126  c09 N71-24803  icating the  c15 N70-34699  t  c18 N71-16210  ne composite ymerization of	and separately recording dc signal signal Patent [NASA-CASE-KMS-06061]  VICKERS, J. H. P. Intermittent type silica gel adsorpt refrigerator Patent [NASA-CASE-XNP-00920]  VIBAL, A. W. Redundant memory organization Patent [NASA-CASE-GSC-10564]  VIMCENT, J. S. Method of forming thin window drifte charged particle detector Patent [NASA-CASE-XLE-00808]  VIVIAN, H. C. Photosensitive device to detect bear deviation Patent [NASA-CASE-XNP-00438]	cos N71-23317  cion c15 N71-15906  c10 N71-29135  cd silicon c24 N71-10560  ring c21 N70-35089
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[NASA-CASE-MPS-21364-1]  VANDERIET, R. K.  Hagnetic power switch Patent [NASA-CASE-NPO-10242]  VANGO, S. P.  Liquid junction and method of fabreme Patent Application [NASA-CASE-NPO-10682] Flexible composite membrane Patent [NASA-CASE-INF-08837]  VANNUCCI, R. D.  Fabrication of polyphenylquinoxali articles by means of in situ polymonomers [NASA-CASE-LEW-11879-1]  VANO, A. B.  Quick attach mechanism Patent [NASA-CASE-XFH-05021]  VANSCHOIACK, M. H. E.  High impedance measuring apparatus [NASA-CASE-XKS-08589-1]  VANTULEUSCH, W.	c15 N74-18126  c09 N71-24803  icating the  c15 N70-34699 t  c18 N71-16210  ne composite ymerization of  c18 N74-20152  c15 N71-22994  Patent c09 N71-20569	and separately recording dc signal signal Patent [NASA-CASE-KMS-06061]  VICKERS, J. H. P. Intermittent type silica gel adsorpt refrigerator Patent [NASA-CASE-XNP-00920]  VIBAL, A. W. Redundant memory organization Patent [NASA-CASE-GSC-10564]  VINCENT, J. S. Method of forming thin window drifts charged particle detector Patent [NASA-CASE-XLE-00808]  VIVIAN, H. C. Photosensitive device to detect bear deviation Patent [NASA-CASE-XNP-00438]  Space vehicle attitude control Patent [NASA-CASE-XNP-00455] Remodulator filter Patent [NASA-CASE-NPO-10198]	cos N71-23317  cion c15 N71-15906  c10 N71-29135  ed silicon c24 N71-10560  ring c21 N70-35089  ent c21 N70-35395
[NASA-CASE-MPS-21364-1]  VANDERIET, R. K.  Magnetic power switch Patent [NASA-CASE-NPO-10242]  VANGO, S. P.  Liquid junction and method of fabr same Patent Application [NASA-CASE-NPO-10682]  Flexible composite membrane Patent [NASA-CASE-NPO-6837]  VANNUCCI, R. D.  Fabrication of polyphenylquinoxali articles by means of in situ pol monomers [NASA-CASE-LEW-11879-1]  VANO, A. B.  Quick attach mechanism Patent [NASA-CASE-XFR-05021]  VANSCOIACK, N. M. E.  High impedance measuring apparatus [NASA-CASE-XHS-08589-1]  VANTUYLBUSCH, W.  Millimeter wave radiometer for rad Patent	c15 N74-18126  c09 N71-24803  icating the  c15 N70-34699  t c18 N71-16210  ne composite ymerization of  c18 N74-20152  c15 N71-22994  Patent c09 N71-20569  io astronomy	and separately recording dc signal signal Patent [NASA-CASE-KMS-06061]  VICKERS, J. H. P.  Intermittent type silica gel adsorpt refrigerator Patent [NASA-CASE-XNP-00920]  VIDAL, A. W.  Redundant memory organization Patent [NASA-CASE-GSC-10564]  VINCENT, J. S.  Method of forming thin window drifted charged particle detector Patent [NASA-CASE-XLE-00808]  VIVIAN, H. C.  Photosensitive device to detect bear deviation Patent [NASA-CASE-XNP-00438]  Space vehicle attitude control Patent [NASA-CASE-XNP-00465]  Remodulator filter Patent [NASA-CASE-NPO-10198]  VODICKI, V. W.  Hagnetic recording head and method of	cos N71-23317  cion  c15 N71-15906  c10 N71-29135  ed silicon  c24 N71-10560  ring  c21 N70-35089  ent  c21 N70-35395  c09 N71-24806
[NASA-CASE-MPS-21364-1]  VANDERIET, R. K.  Hagnetic power switch Patent [NASA-CASE-NPO-10242]  VANGO, S. P.  Liquid junction and method of fabr same Patent Application [NASA-CASE-NPO-10682] Flexible composite membrane Paten [NASA-CASE-INF-08837]  VANNUCCI, R. D.  Fabrication of polyphenylquinoxali articles by means of in situ pol monomers [NASA-CASE-LEW-11879-1]  VANO, A. B.  Quick attach mechanism Patent [NASA-CASE-IFH-05421]  VANGCHOIACK, N. M. E.  High impedance measuring apparatus [NASA-CASE-XMS-08569-1]  VANTUYLRUSCH, W.  Hillimeter wave radioneter for rad Fatent [NASA-CASE-XNF-09832]	c15 N74-18126  c09 N71-24803  icating the  c15 N70-34699 t  c18 N71-16210  ne composite ymerization of  c18 N74-20152  c15 N71-22994  Patent c09 N71-20569	and separately recording dc signal signal Patent [NASA-CASE-KMS-06061]  VICKERS, J. H. P. Intermittent type silica gel adsorpt refrigerator Patent [NASA-CASE-XNP-00920]  VIBAL, A. W. Redundant memory organization Patent [NASA-CASE-SSC-10564]  VINCENT, J. S. Method of forming thin window drifte charged particle detector Patent [NASA-CASE-XLE-00808]  VIVIAN, H. C. Photosensitive device to detect bear deviation Patent [NASA-CASE-XNP-00438]  Space vehicle attitude control Patent [NASA-CASE-XNP-00455] Remodulator filter Patent [NASA-CASE-NPO-10198]  VODICKA, V. W. Magnetic recording head and method of same Patent	cos N71-23317  cion c15 N71-15906  c10 N71-29135  cd silicon c24 N71-10560  cing c21 N70-35089  ent c21 N70-35395 c09 N71-24806  of making
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[NASA-CASE-MPS-21364-1]  VANDERIET, R. K.  Magnetic power switch Patent [NASA-CASE-NPO-10242]  VANGO, S. P.  Liquid junction and method of fabr same Patent Application [NASA-CASE-NPO-10682] Flexible composite membrane Patent [NASA-CASE-INF-08837]  VANNUCCI, R. D.  Fabrication of polyphenylquinoxali articles by means of in situ pol monomers [NASA-CASE-LEW-11879-1]  VANGO, A. B.  Quick attach mechanism Patent [NASA-CASE-LEW-11879-1]  VANGO, A. B.  High impedance measuring apparatus [NASA-CASE-XHS-08589-1]  VANTULBUSCH, W.  Millimeter wave radioneter for rad Fatent [NASA-CASE-XNP-09832]  VARGO, D. J.  Ophthalmic method and apparatus [NASA-CASE-LEW-11669-1]  VARY, A.  Triode thermionic energy converter [NASA-CASE-XLEW-01015]  High temperature heat source Pate [NASA-CASE-XLEW-00490] Radiant heater having formed filam	c15 N74-18126  c09 N71-24803  icating the  c15 N70-34699 t c18 N71-16210  ne composite ymerization of  c18 N74-20152  c15 N71-22994  Patent c09 N71-20569 io astronomy c30 N71-23723  c05 N73-27062  c03 N69-39898 ent c33 N70-34545 ents Patent	and separately recording dc signal signal Patent [NASA-CASE-KMS-06061]  VICKERS, J. H. P. Intermittent type silica gel adsorpt refrigerator Patent [NASA-CASE-XNP-00920]  VIBAL, A. W. Redundant memory organization Patent [NASA-CASE-GSC-10564]  VIBCENT, J. S. Method of forming thin window drifted charged particle detector Patent [NASA-CASE-XLE-00808]  VIVIAN, H. C. Photosensitive device to detect bear deviation Patent [NASA-CASE-XNP-00438]  Space wehicle attitude control Patent [NASA-CASE-XNP-00465] Remodulator filter Patent [NASA-CASE-NPO-10198]  VODICKA, V. W. Magnetic recording head and method of same Patent [NASA-CASE-SC-10097-1]  VOGBLEY, A. W. Cable arrangement for rigid tethering [NASA-CASE-XLA-02332] Combined optical attitude and altitude indicating instrument Patent [NASA-CASE-XLA-01907]  VOLKOFF, J. J. Electro-optical scanning apparatus	cos N71-23317  cion  c15 N71-15906  c10 N71-29135  c10 N71-29135  cd silicon  c24 N71-10560  ring  c21 N70-35089  ent  c21 N70-35395  c09 N71-24806  of making  c08 N71-27210  ng Patent  c32 N71-17609  ide  c14 N71-23268
[NASA-CASE-MPS-21364-1]  VANDERIET, R. K.  Magnetic power switch Patent [NASA-CASE-NPO-10242]  VANGO, S. P.  Liquid junction and method of fabr same Patent Application [NASA-CASE-NPO-10682] Flexible composite membrane Patent [NASA-CASE-INF-08837]  VANNUCCI, R. D.  Fabrication of polyphenylquinoxali articles by means of in situ pol monomers [NASA-CASE-LEW-11879-1]  VANO, A. B.  Quick attach mechanism Patent [NASA-CASE-IFH-05421]  VANSCHOIACK, N. M. E.  High impedance measuring apparatus [NASA-CASE-XHS-08569-1]  VANTUYLBUSCH, W.  Millimeter wave radioneter for rad Fatent [NASA-CASE-XNP-09832]  VARGO, D. J.  Ophthalmic method and apparatus [NASA-CASE-LEW-11669-1]  VARY, A.  Triode thermionic energy converter [NASA-CASE-XLE-01015]  High temperature heat source Patel [NASA-CASE-XLE-00490]  Radiant heater having formed filam [NASA-CASE-XLE-00387]	c15 N74-18126  c09 N71-24803  icating the  c15 N70-34699  t c18 N71-16210  ne composite ymerization of  c18 N74-20152  c15 N71-22994  Patent c09 N71-20569  io astronomy c30 N71-23723  c05 N73-27062  c03 N69-39898  int c33 N70-34545  ients Patent c33 N70-34812	and separately recording dc signal signal Patent [NASA-CASE-KMS-06061]  VICKERS, J. H. P. Intermittent type silica gel adsorpt refrigerator Patent [NASA-CASE-XNP-00920]  VIBAL, A. W. Redundant memory organization Patent [NASA-CASE-SSC-10564]  VIUCENT, J. S. Method of forming thin window drifte charged particle detector Patent [NASA-CASE-XLE-00808]  VIVIAN, H. C. Photosensitive device to detect bear deviation Patent [NASA-CASE-XNP-00438]  Space vehicle attitude control Patent [NASA-CASE-XNP-00465] Remodulator filter Patent [NASA-CASE-NP-010198]  VODICKA, V. W. Magnetic recording head and method of same Patent [NASA-CASE-GSC-10097-1]  VOGELEY, A. W. Cable arrangement for rigid tethering [NASA-CASE-XLA-02332] Combined optical attitude and altitudindicating instrument Patent [NASA-CASE-XLA-01907]  VOLKOFF, J. J. Electro-optical scanning apparatus Application	cos N71-23317  cion  c15 N71-15906  c10 N71-29135  c10 N71-29135  cd silicon  c24 N71-10560  ring  c21 N70-35089  ent  c21 N70-35395  c09 N71-24806  of making  c08 N71-27210  ng Patent  c32 N71-17609  ide  c14 N71-23268
[NASA-CASE-MPS-21364-1]  VANDERIET, R. K.  Magnetic power switch Patent [NASA-CASE-NPO-10242]  VANGO, S. P.  Liquid junction and method of fabreme Patent Application [NASA-CASE-NPO-10682] Flexible composite membrane Patent [NASA-CASE-INF-08837]  VANNUCCI, R. D.  Fabrication of polyphenylquinoxali articles by means of in situ polyphenomers [NASA-CASE-LEW-11879-1]  VANO, A. B.  Quick attach mechanism Patent [NASA-CASE-LEW-11879-1]  VANGO, A. B.  Aigh impedance measuring apparatus [NASA-CASE-XHS-08589-1]  VANTULRUSCH, W.  Millimeter wave radioneter for rad Fatent [NASA-CASE-XHP-09832]  VARGO, D. J.  Ophthalmic method and apparatus [NASA-CASE-LEW-11669-1]  VARY, A.  Triode thermionic energy converter [NASA-CASE-XLE-01015]  High temperature heat source Pater [NASA-CASE-XLE-00387]  Inductive liquid level detection services.	c15 N74-18126  c09 N71-24803  icating the  c15 N70-34699  t c18 N71-16210  ne composite ymerization of  c18 N74-20152  c15 N71-22994  Patent c09 N71-20569  io astronomy c30 N71-23723  c05 N73-27062  c03 N69-39898  int c33 N70-34545  ients Patent c33 N70-34812	and separately recording dc signal signal Patent [NASA-CASE-KMS-06061]  VICKERS, J. H. P. Intermittent type silica gel adsorpt refrigerator Patent [NASA-CASE-XNP-00920]  VIBAL, A. W. Redundant memory organization Patent [NASA-CASE-GSC-10564]  VIBCENT, J. S. Method of forming thin window drifted charged particle detector Patent [NASA-CASE-XLE-00808]  VIVIAN, H. C. Photosensitive device to detect bear deviation Patent [NASA-CASE-XNP-00438] Space vehicle attitude control Patent [NASA-CASE-XNP-00465] Remodulator filter Patent [NASA-CASE-NPO-10198]  VODICKA, V. W. Magnetic recording head and method of same Patent [NASA-CASE-SC-10097-1]  VOGELEY, A. W. Cable arrangement for rigid tetherin [NASA-CASE-XLA-02332] Combined optical attitude and altitudindicating instrument Patent [NASA-CASE-XLA-01907]  VOLKOFF, J. J. Electro-optical scanning apparatus Application [NASA-CASE-NPO-11106] Electro-optical scanning apparatus	cos N71-23317  cion  c15 N71-15906  c10 N71-29135  c10 N71-29135  c31 N70-35089  c11 N70-35395  c09 N71-24806  of making  c08 N71-27210  ag Patent  c32 N71-17609  ac14 N71-23268  Patent  c14 N70-34697
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Attitude control system Patent	MULTUCE B P
[NASA-CASE-XGS-04393] c21 N71-14159	MALLACE, E. D. Apparatus for tensile testing Patent
Star scanner	[NASA-CASE-XKS-06250] C14 N71-15600
[NASA-CASE-GSC-11569-1] c14 N73-11404 VON PRAGENAU, G. L.	Valve seat with resilient support member Patent
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[NASA-CASE-INF-03248] c11 N71-10604 VOB TIRSENHAUSEN, G. F.	Pseudo-noise test set for communication system
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[NASA-CASE-XMF-10040] c15 W71-22877	[NASA-CASE-MFS-22671-1] c14 N74-13146 WALLINGFORD, H. H.
TOMPRAGENAO, G. L.	Differential phase shift keyed communication
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[NASA-CASE-MPS-22734-1]	[NASA-CASE-MSC-14065-1] c07 N73-10215
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[NASA-CASE-XLA-01530] c14 N71-23092	Specific wavelength colorimeter
VUKBLICH, R. R.	[NASA-CASE-MSC-14081-1] c14 N73-18443
Hethod and device for detecting voids in low	UALSH, T. C.
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VYKUKAL, H. C.	[NASA-CASE-IMS-01620] c23 N71-15673 BALSH, T. J.
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[NASA-CASE-ARC-10153] c05 N71-28619	Telespectrograph Patent
Space suit having improved waist and torso movement	[NASA-CASE-XLA-03273] c14 N71-18699
[NASA-CASE-ARC-10275-1] c05 H72-22092	Electronic checkout system for space vehicles
Anthropomorphic master/slave manipulator system	Patent
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	BANG, G. Y.
W	A synchronous binary array divider [NASA-CASE-ERC-10180-1] c08 N74-20836
DAGES, C. G.	DANG, T. G.
Ultrasonic scanning system for in-place	Haterial suspension within an acoustically
inspection of brazed tube joints	excited resonant chamber
	* Mark
[NASA-CASE-HFS-20767-1] c15 N74-15130	[NASA-CASE-NPO-13263-1] c15 N73-31443
[NASA-CASE-MFS-20767-1] c15 N74-15130  BAGNER, A. F.  Inverter ratio failure detector	[NASA-CASE-NPO-13263-1] c15 N73-31443 Heat operated cryogenic electrical generator
[NASA-CASE-HFS-20767-1] c15 N74-15130  DAGNER, A. P. Inverter ratio failure detector [NASA-CASE-NPO-13160-1] c14 N74-18090	[NASA-CASE-NPO-13263-1] c15 N73-31443 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701 WARD, D. R.
[NASA-CASE-HFS-20767-1] c15 N74-15130  BAGNER, A. P.  Inverter ratio failure detector [NASA-CASE-NPO-13160-1] c14 N74-18090  WAGNER, C. A.	[NASA-CASE-NPO-13263-1] c15 N73-31443 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701 WARD, D. R. Automatically deploying nozzle exit cone
[NASA-CASE-HFS-20767-1] c15 N74-15130  BAGNER, A. P.  Inverter ratio failure detector [NASA-CASE-NPO-13160-1] c14 N74-18090  WAGNER, C. A.  Rotating raster generator	[NASA-CASE-NPO-13263-1] c15 N73-31443 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701 HAND, D. R. Automatically deploying nozzle exit cone extension Patent
[NASA-CASE-HFS-20767-1] c15 N74-15130  BAGNER, A. P.  Inverter ratio failure detector [NASA-CASE-NPO-13160-1] c14 N74-18090  WAGNER, C. A.	[NASA-CASE-NPO-13263-1] c15 N73-31443 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701 WARD, D. R. Automatically deploying nozzle exit cone
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[NASA-CASE-MFS-20767-1] c15 N74-15130  DAGNER, A. P.  Inverter ratio failure detector [NASA-CASE-NPO-13160-1] c14 N74-18090  UAGNER, C. A.  Rotating raster generator [NASA-CASE-FRC-10071-1] c07 N74-20813  UAGNER, H. E.  Collapsible loop antenna for space vehicle Fatent [NASA-CASE-MFF-00437] c07 N70-40202  EARELIN, M. T.  Production of high purity silicon carbide Patent [NASA-CASE-XLA-00158] c26 N70-36805  Apparatus for producing high purity silicon carbide crystals Patent	[NASA-CASE-NPO-13263-1] c15 N73-31443  Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701  WARD, D. R.  Automatically deploying nozzle exit cone extension Patent [NASA-CASE-XLE-01640] c31 N71-15637  WARD, J. C., JR.  Capacitor power pak Patent Application [NASA-CASE-LAR-10367-1] c03 N70-26817  WARD, J. R.  Variable geometry rotor system [NASA-CASE-LAR-10557] c02 N72-11018  WARD, U. D.  Vapor liquid separator Patent
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[NASA-CASE-MFS-20767-1] c15 N74-15130  DAGNER, A. P.  Inverter ratio failure detector [NASA-CASE-NPO-13160-1] c14 N74-18090  UAGNER, C. A.  Rotating raster generator [NASA-CASE-FRC-10071-1] c07 N74-20813  UAGNER, H. E.  Collapsible loop antenna for space vehicle Fatent [NASA-CASE-MFF-00437] c07 N70-40202  EARELIN, M. T.  Production of high purity silicon carbide Patent [NASA-CASE-XLA-00158] c26 N70-36805  Apparatus for producing high purity silicon carbide crystals Patent	[NASA-CASE-NPO-13263-1] c15 N73-31443 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701  WARD, D. R.  Automatically deploying nozzle exit cone extension Patent [NASA-CASE-XLE-01640] c31 N71-15637  WARD, J. C., JR.,  Capacitor power pak Patent Application [NASA-CASE-LAR-10367-1] c03 N70-26817  WARD, J. F.  Variable geometry rotor system [NASA-CASE-LAR-10557] c02 N72-11018  WARD, W. D.  Vapor liquid separator Patent [NASA-CASE-XHF-04042] c15 N71-23023
[NASA-CASE-MFS-20767-1] c15 N74-15130  DAGNER, A. P.  Inverter ratio failure detector  [NASA-CASE-NPO-13160-1] c14 N74-18090  BAGNER, C. A.  Rotating raster generator  [NASA-CASE-FRC-10071-1] c07 N74-20813  BAGNER, H. E.  Collapsible loop antenna for space vehicle Patent  [NASA-CASE-MF-00437] c07 N70-40202  BARBLIN, N. T.  Production of high purity silicon carbide Patent  [NASA-CASE-XLA-00158] c26 N70-36805  Apparatus for producing high purity silicon  carbide crystals Patent  [NASA-CASE-ILA-02057] c26 N70-40015  Bethod of coating carbonaceous base to prevent  oxidation destruction and coated base Patent  [NASA-CASE-XLA-00284] c15 N71-16075	[NASA-CASE-NPO-13263-1] c15 N73-31443  Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701  HAND, D. R.  Automatically deploying nozzle exit cone extension Patent [NASA-CASE-XLE-01640] c31 N71-15637  HAND, J. C., JR.  Capacitor power pak Patent Application [NASA-CASE-LAR-10367-1] c03 N70-26817  HAND, J. F.  Variable geometry rotor system [NASA-CASE-LAR-10557] c02 N72-11018  HAND, U. D.  Vapor liquid separator Patent [NASA-CASE-XHF-04042] c15 N71-23023  HARRENTINE, D. K.  Automatic battery charger Patent
[NASA-CASE-HFS-20767-1] c15 N74-15130  DAGNER, A. P. Inverter ratio failure detector [NASA-CASE-NPO-13160-1] c14 N74-18090  UAGNER, C. A. Rotating raster generator [NASA-CASE-FRC-10071-1] c07 N74-20813  UAGNER, H. R. Collapsible loop antenna for space vehicle Patent [NASA-CASE-HFF-00437] c07 N70-40202  UARBLIN, H. T. Production of high purity silicon carbide Patent [NASA-CASE-XLA-00158] c26 N70-36805  Apparatus for producing high purity silicon carbide crystals Patent [NASA-CASE-ILA-02057] c26 N70-40015  Hethod of Coating carbonaceous base to prevent oxidation destruction and coated base Patent [NASA-CASE-XLA-00284] c15 N71-16075  Bethod of coating carbonaceous base to prevent	[NASA-CASE-NPO-13263-1] c15 N73-31443 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701  WAND, D. R.  Automatically deploying nozzle exit cone extension Patent [NASA-CASE-XLE-01640] c31 N71-15637  WARD, J. C., JR.,  Capacitor power pak Patent Application [NASA-CASE-LAR-10367-1] c03 N70-26817  WARD, J. F.  Variable geometry rotor system [NASA-CASE-LAR-10557] c02 N72-11018  WARD, U. D.  Vapor liquid separator Patent [NASA-CASE-XHF-04042] c15 N71-23023  WARRENTIE, D. K.,  Automatic battery charger Patent [NASA-CASE-XNP-04758] c03 N71-24605
[NASA-CASE-MFS-20767-1] c15 N74-15130  BAGNER, A. P.  Inverter ratio failure detector [NASA-CASE-NFO-13160-1] c14 N74-18090  BAGNER, C. A.  Rotating raster generator [NASA-CASE-FRC-10071-1] c07 N74-20813  BAGNER, H. E.  Collapsible loop antenna for space vehicle Fatent [NASA-CASE-MFF-00437] c07 N70-40202  BARELIN, M. T.  Production of high purity silicon carbide Patent [NASA-CASE-XLA-00158] c26 N70-36805 Apparatus for producing high purity silicon carbide crystals Patent [NASA-CASE-XLA-02057] c26 N70-40015 Bethod of coating carbonaceous base to prevent oxidation destruction and coated base Patent [NASA-CASE-XLA-02284] c15 N71-16075 Bethod of coating carbonaceous base to prevent oxidation destruction and coated base Patent	[NASA-CASE-NPO-13263-1] c15 N73-31443 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701  ###################################
[NASA-CASE-HFS-20767-1] c15 N74-15130  DAGNER, A. P. Inverter ratio failure detector [NASA-CASE-NPO-13160-1] c14 N74-18090  UAGNER, C. A. Rotating raster generator [NASA-CASE-FRC-10071-1] c07 N74-20813  UAGNER, H. R. Collapsible loop antenna for space vehicle Patent [NASA-CASE-HFF-00437] c07 N70-40202  UARBLIN, H. T. Production of high purity silicon carbide Patent [NASA-CASE-XLA-00158] c26 N70-36805  Apparatus for producing high purity silicon carbide crystals Patent [NASA-CASE-ILA-02057] c26 N70-40015  Hethod of Coating carbonaceous base to prevent oxidation destruction and coated base Patent [NASA-CASE-XLA-00284] c15 N71-16075  Bethod of coating carbonaceous base to prevent	[NASA-CASE-NPO-13263-1] c15 N73-31443  Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701  WARD, D. R.  Automatically deploying nozzle exit cone extension Patent [NASA-CASE-XLE-01640] c31 N71-15637  WARD, J. C., JR.  Capacitor power pak Patent Application [NASA-CASE-LAR-10367-1] c03 N70-26817  WARD, J. P.  Variable geometry rotor system [NASA-CASE-LAR-10557] c02 N72-11018  WARD, W. D.  Vapor liquid separator Patent [NASA-CASE-XHF-04042] c15 N71-23023  WARREBTISE, D. K.  Automatic battery charger Patent [NASA-CASE-XNP-04758] c03 N71-24605  WARNECK, P.  Analytical photoionization mass spectrometer with an argon gas filter between the light
[NASA-CASE-HFS-20767-1] c15 N74-15130  DAGNER, A. P.  Inverter ratio failure detector  [NASA-CASE-NPO-13160-1] c14 N74-18090  UAGNER, C. A.  Rotating raster generator  [NASA-CASE-FRC-10071-1] c07 N74-20813  UAGNER, H. R.  Collapsible loop antenna for space vehicle Patent  [NASA-CASE-HFF-00437] c07 N70-40202  UARBLIN, H. T.  Production of high purity silicon carbide Patent  [NASA-CASE-XLA-00158] c26 N70-36805  Apparatus for producing high purity silicon  carbide crystals Patent  [NASA-CASE-XLA-02057] c26 N70-40015  Wethod of coating carbonaceous base to prevent  oxidation destruction and coated base Patent  [NASA-CASE-XLA-00284] c15 N71-16075  Bethod of coating carbonaceous base to prevent  oxidation destruction and coated base Patent  [NASA-CASE-XLA-00302] c15 N71-16077  Thermal control coating Patent  [NASA-CASE-XLA-01995] c18 N71-23047	[NASA-CASE-NPO-13263-1] c15 N73-31443 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701  HAND, D. R.  Automatically deploying nozzle exit cone extension Patent [NASA-CASE-XLE-01640] c31 N71-15637  HAND, J. C., JR.  Capacitor power pak Patent Application [NASA-CASE-LAR-10367-1] c03 N70-26817  HAND, J. P.  Variable geometry rotor system [NASA-CASE-LAR-10557] c02 N72-11018  HAND, U. D.  Vapor liquid separator Patent [NASA-CASE-XNF-04042] c15 N71-23023  HANDECH, D. K.  Automatic battery charger Patent [NASA-CASE-XNP-04758] c03 N71-24605  HANDECH, P.  Analytical photoionization hass spectrometer
[NASA-CASE-MFS-20767-1] c15 N74-15130  BAGNER, A. P.  Inverter ratio failure detector [NASA-CASE-NFO-13160-1] c14 N74-18090  BAGNER, C. A.  Rotating raster generator [NASA-CASE-FRC-10071-1] c07 N74-20813  BAGNER, H. E.  Collapsible loop antenna for space vehicle Patent [NASA-CASE-MFF-00437] c07 N70-40202  BARBLIN, M. T.  Production of high purity silicon carbide Patent [NASA-CASE-XLA-00158] c26 N70-36805 Apparatus for producing high purity silicon carbide crystals Patent [NASA-CASE-XLA-0257] c26 N70-40015 Bethod of coating carbonaceous base to prevent oxidation destruction and coated base Patent [NASA-CASE-XLA-0284] c15 N71-16075  Bethod of coating carbonaceous base to prevent oxidation destruction and coated base Patent [NASA-CASE-XLA-00302] Thermal control coating [NASA-CASE-XLA-01995] c18 N71-23047  BALD, D.	[NASA-CASE-NPO-13263-1] c15 N73-31443 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701  WAND, D. R.  Automatically deploying nozzle exit cone extension Patent [NASA-CASE-XLE-01640] c31 N71-15637  WARD, J. C., JR.  Capacitor power pak Patent Application [NASA-CASE-LAR-10367-1] c03 N70-26817  WARD, J. P.  Variable geometry rotor system [NASA-CASE-LAR-10557] c02 N72-11018  WARD, U. D.  Vapor liquid separator Patent [NASA-CASE-XHF-04042] c15 N71-23023  WARREBTISE, D. K.  Automatic battery charger Patent [NASA-CASE-XNP-04758] c03 N71-24605  WARNECK, P.  Analytical photoionization mass spectrometer with an argon gas filter between the light source and monochrometer Patent [NASA-CASE-LAR-10180-1]  WARNECK, R. P.
[NASA-CASE-MFS-20767-1] c15 N74-15130  DAGNER, A. P.  Inverter ratio failure detector [NASA-CASE-NPO-13160-1] c14 N74-18090  BAGNER, C. A.  Rotating raster generator [NASA-CASE-FRC-10071-1] c07 N74-20813  BAGNER, H. E.  Collapsible loop antenna for space vehicle Patent [NASA-CASE-MFF-00437] c07 N70-40202  BARELIN, M. T.  Production of high purity silicon carbide Patent [NASA-CASE-XLA-00158] c26 N70-36805  Apparatus for producing high purity silicon carbide crystals Patent [NASA-CASE-XLA-02057] c26 N70-40015  Bethod of coating carbonaceous base to prevent oxidation destruction and coated base Patent [NASA-CASE-XLA-00284]  Bethod of coating carbonaceous base to prevent oxidation destruction and coated base Patent [NASA-CASE-XLA-00302] c15 N71-16077  Thermal control coating Patent [NASA-CASE-XLA-01995] c18 N71-23047  BALD, D.  Differential temperature transducer Patent	[NASA-CASE-NPO-13263-1] c15 N73-31443  Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701  WARD, D. R.  Automatically deploying nozzle exit cone extension Patent [NASA-CASE-XLE-01640] c31 N71-15637  BARD, J. C., JR.  Capacitor power pak Patent Application [NASA-CASE-LAR-10367-1] c03 N70-26817  BARD, J. P.  Variable geometry rotor system [NASA-CASE-LAR-10557] c02 N72-11018  BARD, U. D.  Vapor liquid separator Patent [NASA-CASE-XMF-04042] c15 N71-23023  BARRENTINE, D. K.  Automatic battery charger Patent [NASA-CASE-XNP-04758] c03 N71-24605  WARDECK, P.  Analytical photoionization mass spectrometer with an argon gas filter between the light source and monochrometer Patent [NASA-CASE-LAR-10180-1] c06 N71-13461  BARREN, A. P.  Assembly for recovering a capsule Patent
[NASA-CASE-MFS-20767-1] c15 N74-15130  BAGNER, A. P. Inverter ratio failure detector [NASA-CASE-NFO-13160-1] c14 N74-18090  BAGNER, C. A. Rotating raster generator [NASA-CASE-FRC-10071-1] c07 N74-20813  BAGNER, H. E. Collapsible loop antenna for space vehicle Fatent [NASA-CASE-MFF-00437] c07 N70-40202  BARELIN, M. T. Production of high purity silicon carbide Patent [NASA-CASE-XLA-00158] c26 N70-36805 Apparatus for producing high purity silicon carbide crystals Patent [NASA-CASE-XLA-02057] c26 N70-40015 Bethod of coating carbonaceous base to prevent oxidation destruction and coated base Patent [NASA-CASE-XLA-02084] c15 N71-16075 Bethod of Coating carbonaceous base to prevent oxidation destruction and coated base Patent [NASA-CASE-XLA-00302] c15 N71-16077 Thermal control coating [NASA-CASE-XLA-01995] c18 N71-23047  BALD, D. Differential temperature transducer [NASA-CASE-XLA-01995] c18 N71-23047  BALD, D. Differential temperature transducer [NASA-CASE-XLA-00812] c14 N71-15598	[NASA-CASE-NPO-13263-1] c15 N73-31443 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701  HAND, D. R.  Automatically deploying nozzle exit cone extension Patent [NASA-CASE-XLE-01640] c31 N71-15637  HARD, J. C., JR.,  Capacitor power pak Patent Application [NASA-CASE-LAR-10367-1] c03 N70-26817  HARD, J. P.  Variable geometry rotor system [NASA-CASE-LAR-10557] c02 N72-11018  HARD, H. D.  Vapor liquid separator Patent [NASA-CASE-XHF-04042] c15 N71-23023  HARDESTINE, D. N.,  Automatic battery charger Patent [NASA-CASE-XHF-04758] c03 N71-24605  HARDECK, P.  Analytical photoionization mass spectrometer with an argon gas filter between the light source and monochrometer Patent [NASA-CASE-LAR-10180-1] c06 N71-13461  HARREN, A. P.  Assembly for recovering a capsule Patent [NASA-CASE-XHF-00641] c31 N70-36410
[NASA-CASE-XLA-00302]  WAGNER, A. P.  Inverter ratio failure detector  [NASA-CASE-NPO-13160-1]  WAGNER, C. A.  Rotating raster generator  [NASA-CASE-FRC-10071-1]  WAGNER, H. E.  Collapsible loop antenna for space vehicle Patent  [NASA-CASE-XHF-00437]  WAGNELIN, W. T.  Production of high purity silicon carbide Patent  [NASA-CASE-XLA-00158]  Apparatus for producing high purity silicon  carbide crystals Patent  [NASA-CASE-XLA-02057]  WASA-CASE-XLA-02057]  Wasa-CASE-XLA-00284]  Wasa-CASE-XLA-00284]  C15 N71-16075  Wasa-CASE-XLA-01995]  C18 N71-23047  WALBER, H. B.  Space environmental work simulator Patent	[NASA-CASE-NPO-13263-1] c15 N73-31443 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701  WARD, D. R.  Automatically deploying nozzle exit cone extension Patent [NASA-CASE-XLE-01640] c31 N71-15637  WARD, J. C., JR.  Capacitor power pak Patent Application [NASA-CASE-LAR-10367-1] c03 N70-26817  WARD, J. P.  Variable geometry rotor system [NASA-CASE-LAR-10557] c02 N72-11018  WARD I iguid separator Patent [NASA-CASE-XMF-04042] c15 N71-23023  WARRENTINE, D. K.  Automatic battery charger Patent [NASA-CASE-XNP-04758] c03 N71-24605  WARDECK, P.  Analytical photoionization mass spectrometer with an argon gas filter between the light source and monochrometer Patent [NASA-CASE-LAR-10180-1] c06 N71-13461  BARREN, A. P.  Assembly for recovering a capsule Patent [NASA-CASE-XMF-00641] c31 N70-36410 Space capsule ejection assembly Patent [NASA-CASE-XMF-03169] c31 N70-36470
[NASA-CASE-MFS-20767-1] c15 N74-15130  PAGNER, A. P. Inverter ratio failure detector [NASA-CASE-NPO-13160-1] c14 N74-18090  #AGNER, C. A. Rotating raster generator [NASA-CASE-FRC-10071-1] c07 N74-20813  #AGNEE, H. E. Collapsible loop antenna for space vehicle Patent [NASA-CASE-MF-00437] c07 N70-40202  #################################	[NASA-CASE-NPO-13263-1] c15 N73-31443  Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701  WARD, D. R.  Automatically deploying nozzle exit cone extension Patent [NASA-CASE-XLE-01640] c31 N71-15637  WARD, J. C., JR.,  Capacitor power pak Patent Application [NASA-CASE-LAE-10367-1] c03 N70-26817  WARD, J. P.  Variable geometry rotor system [NASA-CASE-LAR-10557] c02 N72-11018  WAPOR liquid separator Patent [NASA-CASE-XMF-04042] c15 N71-23023  WARDETINE, D. K.  Automatic battery charger Patent [NASA-CASE-XNP-04758] c03 N71-24605  WARDECK, P.  Analytical photoionization mass spectrometer with an argon gas filter between the light source and monochrometer Patent [NASA-CASE-LAE-10180-1] c06 N71-13461  WARREN, A. P.  Assembly for recovering a capsule Patent [NASA-CASE-XMF-03641] c31 N70-36410  Space capsule ejection assembly Patent [NASA-CASE-XMF-03169] c31 N71-15675  Wethod and apparatus for securing to a
[NASA-CASE-MFS-20767-1] c15 N74-15130  DAGNER, A. P.  Inverter ratio failure detector  [NASA-CASE-NPO-13160-1] c14 N74-18090  BAGNER, C. A.  Rotating raster generator  [NASA-CASE-FRC-10071-1] c07 N74-20813  UAGNER, H. E.  Collapsible loop antenna for space vehicle Patent  [NASA-CASE-MF-00437] c07 N70-40202  EARELIN, M. T.  Production of high purity silicon carbide Patent  [NASA-CASE-XLA-00158] c26 N70-36805  Apparatus for producing high purity silicon  carbide crystals Patent  [NASA-CASE-XLA-02057] c26 N70-40015  Bethod of coating carbonaceous base to prevent  oxidation destruction and coated base Patent  [NASA-CASE-XLA-00284] c15 N71-16075  Bethod of coating carbonaceous base to prevent  oxidation destruction and coated base Patent  [NASA-CASE-XLA-00302] c15 N71-16077  Thermal control coating Patent  [NASA-CASE-XLA-01995] c18 N71-23047  HALD, D.  Differential temperature transducer Patent  [NASA-CASE-XLA-00812] c14 N71-15598  UALLER, H. H.  Space environmental bork simulator Patent  [NASA-CASE-XHP-07488] c11 N71-18773	[NASA-CASE-NPO-13263-1] c15 N73-31443 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701  UAND, D. R.  Automatically deploying nozzle exit cone extension Patent [NASA-CASE-XLE-01640] c31 N71-15637  UAND, J. C., JR.,  Capacitor power pak Patent Application [NASA-CASE-LAR-10367-1] c03 N70-26817  UAND, J. P.  Variable geometry rotor system [NASA-CASE-LAR-10557] c02 N72-11018  UAND, U. D.  Vapor liquid separator Patent [NASA-CASE-XHP-04042] c15 N71-23023  UANKENTINE, D. K.  Automatic battery charger Patent [NASA-CASE-XHP-04758] c03 N71-24605  UANNECK, P.  Analytical photoionization mass spectrometer with an argon gas filter between the light source and monochrometer Patent [NASA-CASE-LAR-10180-1] c06 N71-13461  UANSA-CASE-XHP-00641] c31 N70-36410 Space capsule ejection assembly Patent [NASA-CASE-XHP-03169] c31 N70-36410 Space capsule ejection assembly Patent [NASA-CASE-XHP-03169] c31 N71-15675 Hethod and apparatus for securing to a spacecraft Patent
[NASA-CASE-MFS-20767-1] c15 N74-15130  DAGNER, A. P.  Inverter ratio failure detector [NASA-CASE-NPO-13160-1] c14 N74-18090  BAGNER, C. A.  Rotating raster generator [NASA-CASE-FRC-10071-1] c07 N74-20813  BAGNER, H. E.  Collapsible loop antenna for space vehicle Fatent [NASA-CASE-MFF-00437] c07 N70-40202  BARELYN, M. T.  Production of high purity silicon carbide Patent [NASA-CASE-XLA-00158] c26 N70-36805  Apparatus for producing high purity silicon carbide crystals Patent [NASA-CASE-XLA-02057] c26 N70-40015  Bethod of coating carbonaceous base to prevent oxidation destruction and coated base Patent [NASA-CASE-XLA-00284] c15 N71-16075  Bethod of coating carbonaceous base to prevent oxidation destruction and coated base Patent [NASA-CASE-XLA-00302] c15 N71-16077  Thermal control coating Patent [NASA-CASE-XLA-01995] c18 N71-23047  BALD, D.  Differential temperature transducer Patent [NASA-CASE-XLA-00812] c14 N71-15598  WALKEB, H. B.  Space environmental work simulator Patent [NASA-CASE-XMF-07488] c11 N71-18773  BALL, B. A., JR.  Apparatus for welding torch angle and seam tracking control Fatent	[NASA-CASE-NPO-13263-1] c15 N73-31443  Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701  WARD, D. R.  Automatically deploying nozzle exit cone extension Patent [NASA-CASE-XLE-01640] c31 N71-15637  WARD, J. C., JR.,  Capacitor power pak Patent Application [NASA-CASE-LAE-10367-1] c03 N70-26817  WARD, J. P.  Variable geometry rotor system [NASA-CASE-LAR-10557] c02 N72-11018  WAPOR liquid separator Patent [NASA-CASE-XMF-04042] c15 N71-23023  WARDETINE, D. K.  Automatic battery charger Patent [NASA-CASE-XNP-04758] c03 N71-24605  WARDECK, P.  Analytical photoionization mass spectrometer with an argon gas filter between the light source and monochrometer Patent [NASA-CASE-LAE-10180-1] c06 N71-13461  WARREN, A. P.  Assembly for recovering a capsule Patent [NASA-CASE-XMF-03641] c31 N70-36410  Space capsule ejection assembly Patent [NASA-CASE-XMF-03169] c31 N71-15675  Wethod and apparatus for securing to a
[NASA-CASE-MFS-20767-1] c15 N74-15130  PAGNER, A. P.  Inverter ratio failure detector  [NASA-CASE-NPO-13160-1] c14 N74-18090  ##################################	[NASA-CASE-NPO-13263-1] c15 N73-31443 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701  WARD, D. R.  Automatically deploying nozzle exit cone extension Patent [NASA-CASE-XLR-01640] c31 N71-15637  WARD, J. C., JR.,  Capacitor power pak Patent Application [NASA-CASE-LAR-10367-1] c03 N70-26817  WARD, J. F.  Variable geometry rotor system [NASA-CASE-LAR-10557] c02 N72-11018  WARD, U. D.  Vapor liquid separator Patent [NASA-CASE-XHP-04042] c15 N71-23023  WARKENTINE, D. K.  Automatic battery charger Patent [NASA-CASE-XHP-04758] c03 N71-24605  WANDECK, P.  Analytical photoionization mass spectrometer with an argon gas filter between the light source and monochrometer Patent [NASA-CASE-LAR-10180-1] c06 N71-13461  WARREN, A. P.  Assembly for recovering a capsule Patent [NASA-CASE-XHP-03641] c31 N70-36410  Space capsule ejection assembly Patent [NASA-CASE-XHP-03169] c31 N71-15675  Hethod and apparatus for securing to a spacecraft Patent [NASA-CASE-NPS-11133] c31 N71-16222  WATERS, H. J.  Nickel-base alloy Patent
[NASA-CASE-MFS-20767-1] c15 N74-15130  BAGNER, A. P.  Inverter ratio failure detector [NASA-CASE-NFO-13160-1] c14 N74-18090  BAGNER, C. A.  Rotating raster generator [NASA-CASE-FRC-10071-1] c07 N74-20813  BAGNER, H. E.  Collapsible loop antenna for space vehicle Fatent [NASA-CASE-MFF-00437] c07 N70-40202  BARELIN, M. T.  Production of high purity silicon carbide Patent [NASA-CASE-XLA-00158] c26 N70-36805 Apparatus for producing high purity silicon carbide crystals Patent [NASA-CASE-XLA-02057] c26 N70-40015 Bethod of coating carbonaceous base to prevent oxidation destruction and coated base Patent [NASA-CASE-XLA-02084] c15 N71-16075  Bethod of coating carbonaceous base to prevent oxidation destruction and coated base Patent [NASA-CASE-XLA-00302] c15 N71-16077  Thermal control coating Patent [NASA-CASE-XLA-01995] c18 N71-23047  BALD, D.  Differential temperature transducer Patent [NASA-CASE-XLA-00812] c14 N71-15598  CALKER, B. H.  Space environmental work simulator Patent [NASA-CASE-XHP-07488] c11 N71-18773  BALL, B. A., JR.  Apparatus for welding torch angle and seam tracking control Patent [NASA-CASE-XHF-03287] c15 N71-15607 Automatic closed circuit television arc guidance	[NASA-CASE-NPO-13263-1] c15 N73-31443 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701  HAND, D. R.  Automatically deploying nozzle exit cone extension Patent [NASA-CASE-XLE-01640] c31 N71-15637  HAND, J. C., JR.,  Capacitor power pak Patent Application [NASA-CASE-LAR-10367-1] c03 N70-26817  HAND, J. P.  Variable geometry rotor system [NASA-CASE-LAR-10557] c02 N72-11018  HAND, U. D.  Vapor liquid separator Patent [NASA-CASE-XHF-04042] c15 N71-23023  HANDECH, P. Automatic battery charger Patent [NASA-CASE-XNP-04758] c03 N71-24605  HANDECH, P. Analytical photoionization mass spectrometer with an argon gas filter between the light source and monochrometer Patent [NASA-CASE-LAR-10180-1] c06 N71-13461  HARREN, A. P. Assenbly for recovering a capsule Patent [NASA-CASE-XHF-00641] c31 N70-36410 Space capsule ejection assembly Patent [NASA-CASE-XHF-03169] c31 N71-15675 Hethod and apparatus for securing to a spacecraft Patent [NASA-CASE-NFS-11133] c31 N71-16222  UATERS, U. J. Nickel-base alloy Patent [NASA-CASE-XLE-00283] c17 N70-36616
[NASA-CASE-MFS-20767-1] c15 N74-15130  PAGNER, A. P.  Inverter ratio failure detector  [NASA-CASE-NPO-13160-1] c14 N74-18090  ##################################	[NASA-CASE-NPO-13263-1] c15 N73-31443 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701  WAND, D. R.  Automatically deploying nozzle exit cone extension Patent [NASA-CASE-XLE-01640] c31 N71-15637  WARD, J. C., JR.  Capacitor power pak Patent Application [NASA-CASE-LAR-10367-1] c03 N70-26817  WARD, J. P.  Variable geometry rotor system [NASA-CASE-LAR-10557] c02 N72-11018  WARD, U. D.  Vapor liquid separator Patent [NASA-CASE-XHF-04042] c15 N71-23023  WARREBTISE, D. K.  Automatic battery charger Patent [NASA-CASE-XHP-04758] c03 N71-24605  WARNECK, P.  Analytical photoionization mass spectrometer with an argon gas filter between the light source and monochrometer Patent [NASA-CASE-XHF-00641] c06 N71-13461  WARREN, A. P.  Assenbly for recovering a capsule Patent [NASA-CASE-XHF-00641] c31 N70-36410  Space capsule ejection assembly Patent [NASA-CASE-XHF-00169] c31 N71-15675  Hethod and apparatus for securing to a spacecraft Patent [NASA-CASE-NF-011133] c31 N71-16222  WATERS, B. J.  Nickel-base alloy Patent [NASA-CASE-XLE-00203] c17 N70-36616
[NASA-CASE-MFS-20767-1]  BAGNER, A. P. Inverter ratio failure detector [NASA-CASE-NPO-13160-1]  BAGNER, C. A.  Rotating raster generator [NASA-CASE-FRC-10071-1]  BAGNER, H. R.  Collapsible loop antenna for space vehicle Patent [NASA-CASE-INF-00437]  BAGNER, W. T.  Production of high purity silicon carbide Patent [NASA-CASE-XIA-00158]  Apparatus for producing high purity silicon carbide crystals Patent [NASA-CASE-XIA-02057]  Bethod of coating carbonaceous base to prevent oxidation destruction and coated base Patent [NASA-CASE-XIA-00204]  Bethod of coating carbonaceous base to prevent oxidation destruction and coated base Patent [NASA-CASE-XIA-00302]  Thermal control coating Patent [NASA-CASE-XIA-01995]  CASE-XIA-01995]  CASE-XIA-019995  CASE-XIA-019995  CASE-XIA-019995  CASE-XIA-019995  CASE-XIA	[NASA-CASE-NPO-13263-1] c15 N73-31443 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701  WARD, D. R.  Automatically deploying nozzle exit cone extension Patent [NASA-CASE-XLE-01640] c31 N71-15637  WARD, J. C., JR.  Capacitor power pak Patent Application [NASA-CASE-LAR-10367-1] c03 N70-26817  WARD, J. P.  Variable geometry rotor system [NASA-CASE-LAR-10557] c02 N72-11018  WARD 1 iquid separator Patent [NASA-CASE-XMF-04042] c15 N71-23023  WARRENTINE, D. K.  Automatic battery charger Patent [NASA-CASE-XNP-04758] c03 N71-24605  WARDECK, P.  Analytical photoionization mass spectrometer with an argon gas filter between the light source and monochrometer Patent [NASA-CASE-LAR-10180-1] c06 N71-13461  WARDECK, R.  Assembly for recovering a capsule Patent [NASA-CASE-XHF-00641] c31 N70-36410  Space capsule ejection assembly Patent [NASA-CASE-XHF-03169] c31 N70-36410  Space capsule ejection assembly Patent [NASA-CASE-XHF-03169] c31 N71-15675  Wethod and apparatus for securing to a spacecraft Patent [NASA-CASE-NHF-03169] c31 N71-16222  WATERS, M. J.  Nickel-base alloy Patent [NASA-CASE-XHE-00203] Nickel-base alloy containing Ho-W-Al-Cr- Ta-Zr-C-Nb-B Patent
[NASA-CASE-MFS-20767-1]  BAGNER, A. P. Inverter ratio failure detector [NASA-CASE-NPO-13160-1]  C14 N74-18090  GAGNER, C. A. Rotating raster generator [NASA-CASE-FRC-10071-1]  GAGNER, H. E. Collapsible loop antenna for space vehicle Patent [NASA-CASE-MF-00437]  Froduction of high purity silicon carbide Patent [NASA-CASE-XLA-00158] Apparatus for producing high purity silicon carbide crystals Patent [NASA-CASE-XLA-02057]  Hethod of coating carbonaceous base to prevent oxidation destruction and coated base Patent [NASA-CASE-XLA-00208]  Bethod of coating carbonaceous base to prevent oxidation destruction and coated base Patent [NASA-CASE-XLA-00302] Thermal control coating Patent [NASA-CASE-XLA-00302] Thermal control coating Patent [NASA-CASE-XLA-00812]  C15 N71-15075  HALD, D. Differential temperature transducer Patent [NASA-CASE-XLA-00812]  C18 N71-23047  HALD, B. Space environmental work simulator Patent [NASA-CASE-XAC-00612]  C14 N71-15598  C15 N71-15607  HALL, H. A4. JR. Apparatus for welding torch angle and seam tracking control Patent [NASA-CASE-XHF-07488]  C15 N71-15607  Automatic closed circuit television arc guidance control Patent [NASA-CASE-XHF-03287] Automatic celding speed controller [NASA-CASE-XHF-01730] C07 N71-19433  Automatic celding speed controller [NASA-CASE-XHF-01730] C15 N71-23050	[NASA-CASE-NPO-13263-1] c15 N73-31443 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701  WAND, D. R.  Automatically deploying nozzle exit cone extension Patent [NASA-CASE-XLE-01640] c31 N71-15637  WARD, J. C., JR., Capacitor power pak Patent Application [NASA-CASE-LAR-10367-1] c03 N70-26817  WAND, J. P.  Variable geometry rotor system [NASA-CASE-LAR-10557] c02 N72-11018  WARD, U. D.  Vapor liquid separator Patent [NASA-CASE-XHP-04042] c15 N71-23023  WARRENTINE, D. K.  Automatic battery charger Patent [NASA-CASE-XNP-04758] c03 N71-24605  WARDECK, P.  Analytical photoionization mass spectrometer with an argon gas filter between the light source and monochrometer Patent [NASA-CASE-LAR-10180-1] c06 N71-13461  WARNEN, A. P.  Assembly for recovering a capsule Patent [NASA-CASE-XHP-00641] c31 N70-36410 Space capsule ejection assembly Patent [NASA-CASE-XHP-03169] c31 N71-15675  Wethod and apparatus for securing to a spacecraft Patent [NASA-CASE-XHP-03169] c31 N71-16222  WATERS, M. J.  Nickel-base alloy Patent [NASA-CASE-XLE-02082] c17 N70-36616  Nickel-base alloy containing Ho-W-Al-Cr- Ta-Zr-C-Nb-B Patent [NASA-CASE-XLE-02082] c17 N70-36616  Nickel bas alloy
[NASA-CASE-MFS-20767-1]  WAGNER, A. P. Inverter ratio failure detector [NASA-CASE-NPO-13160-1]  WAGNER, C. A. Rotating raster generator [NASA-CASE-FRC-10071-1]  CO7 N74-20813  GAGNER, H. R. Collapsible loop antenna for space vehicle Patent [NASA-CASE-MF-00437]  CO7 N70-40202  WARBLIN, N. T.  Production of high purity silicon carbide Patent [NASA-CASE-XLA-00158]  Apparatus for producing high purity silicon carbide crystals Patent [NASA-CASE-XLA-02057]  Bethod of Coating carbonaceous base to prevent oxidation destruction and coated base Patent [NASA-CASE-XLA-00284]  Bethod of Coating carbonaceous base to prevent oxidation destruction and coated base Patent [NASA-CASE-XLA-00302]  Thermal control coating Patent [NASA-CASE-XLA-01995]  WALLD, D. Differential temperature transducer [NASA-CASE-XLA-00812]  C15 N71-15598  WALLRER, H. B. Space environmental work simulator Patent [NASA-CASE-XHF-07488]  C11 N71-18773  BALL, B. A., JR. Apparatus for welding torch angle and seam tracking control Patent [NASA-CASE-MFS-03287] Automatic closed circuit television arc guidance control Patent [NASA-CASE-MFS-13046] Automatic welding speed controller Patent [NASA-CASE-MFF-01730] Belding skate with computerized control Patent	[NASA-CASE-NPO-13263-1] c15 N73-31443 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701 WARD, D. R.  Automatically deploying nozzle exit cone extension Patent [NASA-CASE-XLE-01640] c31 N71-15637  WARD, J. C., JR.  Capacitor power pak Patent Application [NASA-CASE-LAR-10367-1] c03 N70-26817  WARD, J. P.  Variable geometry rotor system [NASA-CASE-LAR-10557] c02 N72-11018  WARD, W. D.  Vapor liquid separator Patent [NASA-CASE-XHF-04042] c15 N71-23023  WARRENTINE, D. K.  Automatic battery charger Patent [NASA-CASE-XNP-04758] c03 N71-24605  WARDECK, P.  Analytical photoionization mass spectrometer with an argon gas filter between the light source and monochrometer Patent [NASA-CASE-LAR-10180-1] c06 N71-13461  BARREN, A. P.  Assembly for recovering a capsule Patent [NASA-CASE-XHF-00641] c31 N70-36410  Space capsule ejection assembly Patent [NASA-CASE-XHF-03169] c31 N71-15675  Hethod and apparatus for securing to a spacecraft Patent [NASA-CASE-NHF-03169] c31 N71-16222  WATERS, H. J.  Nickel-base alloy Patent [NASA-CASE-XLE-00203] c17 N70-36616  Nickel-base alloy containing Ho-H-Al-Cr- Ta-ZT-C-Nb-B Patent [NASA-CASE-LEB-10874-1] c17 N70-3255
NASA-CASE-MFS-20767-1]  PAGNER, A. P. Inverter ratio failure detector [NASA-CASE-NPO-13160-1]  EAGNER, C. A. Rotating raster generator [NASA-CASE-FRC-10071-1]  EAGNER, H. R. Collapsible loop antenna for space vehicle Patent [NASA-CASE-IBF-00437]  EARRIYN, B. T. Production of high purity silicon carbide Patent [NASA-CASE-XLA-00158]  Apparatus for producing high purity silicon carbide crystals Patent [NASA-CASE-XLA-02057]  Eathed of coating carbonaceous base to prevent oxidation destruction and coated base Patent [NASA-CASE-XLA-02284]  Eathod of coating carbonaceous base to prevent oxidation destruction and coated base Patent [NASA-CASE-XLA-0302] Thermal control coating Patent [NASA-CASE-XLA-0302] Thermal control coating Patent [NASA-CASE-XLA-0995]  EALLD, D. Differential temperature transducer [NASA-CASE-XAC-00812]  EALLD, B. A. Apparatus for welding torch angle and seam tracking control Patent [NASA-CASE-XHP-07488]  EALL, B. A. Apparatus for welding torch angle and seam tracking control Patent [NASA-CASE-XHP-03287] Automatic closed circuit television arc guidance control Patent [NASA-CASE-XHP-03287] Automatic welding speed controller [NASA-CASE-XHP-07488]  Lutomatic velding speed controller [NASA-CASE-XHP-07069] Internal flare angle gauge Patent	[NASA-CASE-NPO-13263-1] c15 N73-31443 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701 HAND, D. R. Automatically deploying nozzle exit cone extension Patent [NASA-CASE-XLE-01640] c31 N71-15637 HARD, J. C., JR. Capacitor power pak Patent Application [NASA-CASE-LAR-10367-1] c03 N70-26817 HARD, J. F. Variable geometry rotor system [NASA-CASE-LAR-10557] c02 N72-11018 HARD, H. D. Vapor liquid separator Patent [NASA-CASE-XHF-04042] c15 N71-23023 HARRENTINE, D. X. Automatic battery charger Patent [NASA-CASE-XNP-04758] c03 N71-24605 HARDECK, P. Analytical photoionization mass spectrometer with an argon gas filter between the light source and monochrometer Patent [NASA-CASE-LAR-10180-1] c06 N71-13461 HARREN, A. P. Assembly for recovering a capsule Patent [NASA-CASE-XHF-00641] c31 N70-36410 Space capsule ejection assembly Patent [NASA-CASE-XHF-03169] c31 N71-15675 Hethod and apparatus for securing to a spacecraft Patent [NASA-CASE-XLF-03169] c31 N71-16222 HATERS, H. J. Nickel-base alloy Patent [NASA-CASE-XLF-03283] c17 N70-36616 Nickel-base alloy containing Ho-H-Al-Cr- Ta-Zr-C-Nb-B Patent [NASA-CASE-LER-10874-1] c17 N72-22535 Hethod of forming superalloys
[NASA-CASE-MFS-20767-1]  PAGNER, A. P. Inverter ratio failure detector [NASA-CASE-NPO-13160-1]  PAGNER, C. A. Rotating raster generator [NASA-CASE-FEC-10071-1]  RASA-CASE-FEC-10071-1]  ROTER, H. R. Collapsible loop antenna for space vehicle Patent [NASA-CASE-MF-00437]  Production of high purity silicon carbide Patent [NASA-CASE-XLA-00158]  Apparatus for producing high purity silicon carbide crystals Patent [NASA-CASE-XLA-02057]  Rethod of Coating Carbonaceous base to prevent oxidation destruction and coated base Patent [NASA-CASE-XLA-02024]  Bethod of Coating carbonaceous base to prevent oxidation destruction and coated base Patent [NASA-CASE-XLA-0302]  Thermal control coating Patent [NASA-CASE-XLA-01995]  CABENTA-0895]  CABENTA-0896]  CABENTA-0895-0896]  CABENTA-0896]  CABENTA-0896  CABEN	[NASA-CASE-NPO-13263-1] c15 N73-31443 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701 WARD, D. R.  Automatically deploying nozzle exit cone extension Patent [NASA-CASE-XLE-01640] c31 N71-15637  WARD, J. C., JR.  Capacitor power pak Patent Application [NASA-CASE-LAR-10367-1] c03 N70-26817  WARD, J. P.  Variable geometry rotor system [NASA-CASE-LAR-10557] c02 N72-11018  WARD, W. D.  Vapor liquid separator Patent [NASA-CASE-XHF-04042] c15 N71-23023  WARRENTINE, D. K.  Automatic battery charger Patent [NASA-CASE-XNP-04758] c03 N71-24605  WARDECK, P.  Analytical photoionization mass spectrometer with an argon gas filter between the light source and monochrometer Patent [NASA-CASE-LAR-10180-1] c06 N71-13461  BARREN, A. P.  Assembly for recovering a capsule Patent [NASA-CASE-XHF-00641] c31 N70-36410  Space capsule ejection assembly Patent [NASA-CASE-XHF-03169] c31 N71-15675  Hethod and apparatus for securing to a spacecraft Patent [NASA-CASE-NHF-03169] c31 N71-16222  WATERS, H. J.  Nickel-base alloy Patent [NASA-CASE-XLE-00203] c17 N70-36616  Nickel-base alloy containing Ho-H-Al-Cr- Ta-ZT-C-Nb-B Patent [NASA-CASE-LEB-10874-1] c17 N70-3255

[NASA-CASE-LEW-10805-3]	c17 N74-10521	[NASA-CASE-NPO-11771]	c03 N73-20040
Method of forming articles of manufa	cture from	WEINSTEIN, No.	onmagnetic
superallow powders		Bonding thermoelectric elements to m refractory metal electrodes	Onmagnetic
[ NASA-CASE-LES-10805-2]	c15 N74-13179	[NASA-CASE-KGS-04554]	c15 N69-39786
WATSON, J. D.	ion	Segmenting lead telluride-silicon ge	rmanium
Tumbler system to provide random mot [NASA-CASE-XGS-02437]	c15 N69-21472	thermoelements Patent	
[ NEDROCED TOP OF 42.1		[ $NASA-CASE-XGS-05718$ ]	c26 N71-16037
WATSON, J. E. High temperature spark plug Patent		WEISS, P. P.	anticol radar
[NASA-CASE-XLE-00660]	c28 N70-39925	Acquisition and tracking system for	c16 N72-13437
EXECON N D			C10 872 13437
Payload/burned-out motor case separa	tion system	WBISS, S. Pretreatment method for anti-wettabl	e materials
Patent	c31 N71-15687	[NASA-CASE-XMS-03537]	c15 N69-21471
Landa and	C31 B) 1 1300)	BEITZEL, Do Po	
WATSON, V. R. Electric arc apparatus Patent		Propellant tank pressurization system	m Patent
[NASA-CASE-XAC-01677]	c09 N71-20816	[NASA-CASE-INP-00650]	c27 N71-28929
DIVIND H J.		WEITZEL, D. H.	
	ope system	Resilience testing device Patent	c14 N71-26161
[NASA-CASE-NPO-13214-1]	c14 N74-19093	[NASA-CASE-KLA-08254]	
WEAR, J. D.		WELCH, W. A. Gas filter mounting structure	
Rocket engine Patent	c28 N70-37980	[NASA-CASE-MSC-12297]	c14 N72-23457
[ MADA - CHOH MAD - CO ]	020 8.0 0.200	WRLLING. C. B.	
Pseudo-noise test set for communicat	tion system	Thermally activated foaming composit	ions Patent
evaluation		[ NASA-CASE-LAR-10373-1]	c18 N71-26155
[NASA-CASE-MPS-22671-1]	c14 N74-13146	WRLLMAN, J. B.	
UTSTOD I D.		Gas flow control device [NASA-CASE-NPO-11479]	c15 N73-13462
Multiple in-line docking capability	for rotating	WELLMAN, To Ro	*** ****
space stations	c31 N72-25853	Oxygen production method and appara	tus
[ MASK-CESE HIS 20053 1]	C31 A72 25055	[ NASA-CASE-MSC-12332-1]	c15 N72-15476
WEBB, D. L. Video sync processor Patent		WELLS. B. R.	
[NASA-CASE-KSC-10002]	c10 N71-25865	Apparatus for ejection of an instru	Ment cover
Electronic video editor		[NASA-CASE-XMF-04132]	C12 N03-21302
[NASA-CASE-KSC-10003]	c10 N73~13235	Positive displacement flowmeter Pa	tent
WEBB, J. A., JR.	1	[NASA-CASE-XMP-02822]	C14 N70-41994
Circuit for detecting initial systom	re and	Remote control manipulator for zero	gravity
dicrotic notch [NASA-CASE-LEW-11581-1]	c05 N73-18139	environment	
WEBB, J. B.		[NASA-CASE-MFS-14405]	c15 N72-28495
Delayed simultaneous release mechan	ism	WELLS, W. H.	er tologones
[ NA SA-CASE-GSC-10814-1 ]	c03 N73-20039	Rotable accurate reflector system f	of terscopes
WBBE, W. C.		Patent [NASA-CASE-NPO-10468]	c23 N71-33229
Telemetry processor [NASA-CASE-GSC-11388-1]	c07 N73-24187	WELLS, No. Lo.	
WEBER, L.		Electric-arc heater Patent	
Prevention of hydrogen embrittlemen	t of high	Famor duos and today.	c33 N70-34540
strength steel		WENDT, A. J.	flatable
[NASA-CASE-NPO-12122-1]	c27 N74-20397	Rotating mandrel for assembly of in devices Patent	Tarable
WEBER, R. J.		(NASA-CASE-XLA-04143)	c15 N71-17687
Venting vapor apparatus Patent	c15 N70-34247	WENZEL, G. B.	
[NASA-CASE-XLE-00288] Supersonic-combustion rocket	3,3 ,,73 3.51.	Amplifier drift tester	
[NASA-CASE-LEW-11058-1]	c28 N74-13502	[ NASA-CASE-XMS-05562-1]	c09 N69-39986
WERTON, J. W.		WERNER, E. A.	.mad
Reinforced metallic composites Pat	ent	Method and apparatus for making cur reflectors Patent	.veu
[NASA-CASE-XLE-02428]	c17 N70-33288	[NASA-CASE-XLE-08917]	c15 N71-15597
Method of making fiber reinforced m	ecaric	Apparatus for making curved reflect	ors Patent
composites Patent [NASA-CASE-XLE-00231]	c17 N70-38198	[ NASA-CASE-XLE-08917-2]	c15 N71-24836
Reinforced metallic composites Pat		PRSSRLSKI, C. J.	
[NASA-CASE-XLE-00228]	c17 N70-38490	Energy absorbing structure Patent	c15 N70-35679
method for producing fiber reinforc	ed metallic	[NASA-CASE-MSC-12279-1]	C12 810-23012
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## NASA PATENT ABSTRACTS BIBLIOGRAPHY

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[NASA-CASE-MS-04843] C03 M69-21469 BECTON, DICKINSON AND CO., BUTHERFORD, N.J. Vacuum probe Surface sampler [NASA-CASE-LAR-10623-1] C14 N73-30395 BELL ARROSPACE CO., BUFFALO, N.J. Correlation type phase detector [NASA-CASE-GSC-11744-1] C09 N73-23291 Modulator for tone and binary signals [NASA-CASE-GSC-11743-1] C07 N73-27107 BELL ARROSPITEMS CO., BUFFALO, N.Y. Lunar landing flight research vehicle Patent [NASA-CASE-XFR-00929] C31 N70-34966 Flexibly connected support and skin Patent [NASA-CASE-XLA-01027] C31 N71-24035 Injection head for delivering liquid fuel and oxidizers [NASA-CASE-NPO-10046] C28 N72-17843 Flight control system	aligns the three perpendicular axes of two three-axes systems Patent [NASA-CASE-IMF-00684] c21 N71-21688 Vapor liquid separator Patent [NASA-CASE-XMF-04042] c15 N71-23023 Thruster maintenance system Patent [NASA-CASE-XMF-04042] c28 N71-27095 Inflatable transpiration cooled nozzle [NASA-CASE-MFS-20619] c28 N72-11708  C  CALIFORNIA COMPUTER PRODUCTS, INC., AMAHEIM. Temperature regulation circuit Patent [NASA-CASE-XMF-02792] c14 N71-28958 CALIFORNIA INST. OF TECH., PASADENA. Attitude control for spacecraft Patent [NASA-CASE-IMF-02982] c31 N70-41855 CALIFORNIA UNIV., BERKELEY.
[NASA-CASE-IMS-04843]	aligns the three perpendicular axes of two three-axes systems Patent [NASA-CASE-IMF-00684] c21 N71-21688 Vapor liquid separator Patent [NASA-CASE-XHF-04042] c15 N71-23023 Thruster maintenance system Patent [NASA-CASE-XHF-20325] c28 N71-27095 Inflatable transpiration cooled nozzle [NASA-CASE-MFS-20619] c28 N72-11708  C  CALIFORNIA COMPUTER PRODUCTS, INC., ANABELL. Temperature regulation circuit Patent [NASA-CASE-XHF-02792] c14 N71-28958 CALIFORNIA INST. OF TRCH., PASADENA. Attitude control for spacecraft Patent [NASA-CASE-XHP-02982] c31 N70-41855 CALIFORNIA UNIV., BERKELEY. Adjustable mount for a trihedral mirror Patent [NASA-CASE-XHP-08907] c23 N71-29123 Infrared detectors
[NASA-CASE-MS-04843] C03 M69-21469 BECTON, DICKINSON AND CO., BUTHERFORD, N.J. Vacuum probe Surface sampler [NASA-CASE-LAR-10623-1] C14 N73-30395 BELL ARROSPACE CO., BUFFALO, N.J. Correlation type phase detector [NASA-CASE-GSC-11744-1] C09 N73-23291 Modulator for tone and binary signals [NASA-CASE-GSC-11743-1] C07 N73-27107 BELL ARROSPITEMS CO., BUFFALO, N.Y. Lunar landing flight research vehicle Patent [NASA-CASE-XFR-00929] C31 N70-34966 Flexibly connected support and skin Patent [NASA-CASE-XFR-00929] C31 N71-24035 Injection head for delivering liquid fuel and oxidizers [NASA-CASE-NPO-10046] C28 N72-17843 Flight control system [NASA-CASE-MSC-13397-1] C21 N72-25595 BELLCOMM, INC., WASHINGTON, DaC. Physical correction filter for improving the optical quality of an image	aligns the three perpendicular axes of two three-axes systems Patent [NASA-CASE-IMF-00684] c21 N71-21688 Vapor liquid separator Patent [NASA-CASE-XMF-04042] c15 N71-23023 Thruster maintenance system Patent [NASA-CASE-XMF-04042] c28 N71-27095 Inflatable transpiration cooled nozzle [NASA-CASE-MFS-20619] c28 N72-11708  C  CALIFORNIA COMPUTER PRODUCTS, INC., AMAHEIM. Temperature regulation circuit Patent [NASA-CASE-XMF-02792] c14 N71-28958 CALIFORNIA INST. OF TECH., PASADENA. Attitude control for spacecraft Patent [NASA-CASE-XMF-02982] c31 N70-41855 CALIFORNIA UNIV., BERKELEY. Adjustable nount for a trihedral mirror Patent [NASA-CASE-IMP-08907] c23 N71-29123 Infrared detectors [NASA-CASE-LAR-10728-1] c14 N73-12445
[NASA-CASE-IMS-04843] C03 N69-21469 BRCTON, DICKINSON AND CO., BUTHERFORD, N.J.  Vacuum probe Surface sampler [NASA-CASE-LAR-10623-1] C14 N73-30395 BBLL ARROSPACE CO., BUFFALO, N.Y.  Correlation type phase detector [NASA-CASE-GSC-11744-1] C09 N73-23291 Modulator for tone and binary signals [NASA-CASE-GSC-11743-1] C07 N73-27107 BBLL ARROSYSTEMS CO., BUFFALO, N.Y.  Lunar landing flight research vehicle Patent [NASA-CASE-XFR-00929] C31 N70-34966 Flexibly connected support and skin Patent [NASA-CASE-XLA-01027] C31 N71-24035 Injection head for delivering liquid fuel and oxidizers [NASA-CASE-NPO-10046] C28 N72-17843 Flight control system [NASA-CASE-MSC-13397-1] C21 N72-25595 BBLLCOMM, INC., WASHINGTON, D.C. Physical correction filter for improving the optical quality of an image [NASA-CASE-HQN-10542-1] C23 N72-21663	aligns the three perpendicular axes of two three-axes systems Patent [NASA-CASE-IMF-00684] c21 N71-21688 Vapor liquid separator Patent [NASA-CASE-XMF-04042] c15 N71-23023 Thruster maintenance system Patent [NASA-CASE-NFS-20325] c28 N71-27095 Inflatable transpiration cooled nozzle [NASA-CASE-NFS-20619] c28 N72-11708  C  CALIFORNIA COMPUTER PRODUCTS, INC., AWAREIM. Temperature regulation circuit Patent [NASA-CASE-XMP-02792] c14 N71-28958 CALIFORNIA IBST. OF TECH., PASADENA. Attitude control for spacecraft Patent [NASA-CASE-IMP-02982] c31 N70-41855 CALIFORNIA UNIV., BERKELEY. Adjustable mount for a trihedral mirror Patent [NASA-CASE-IMP-08907] c23 N71-29123 Infrared detectors [NASA-CASE-IAR-10728-1] c14 N73-12445 CALIFORNIA UNIV., LOS AWGELES.
[NASA-CASE-IMS-04843] C03 M69-21469 BRCTON, DICKINSON AND CO., BUTHERFORD, N.J.  Vacuum probe surface sampler [NASA-CASE-LRR-10623-1] C14 N73-30395 BBLL AEROSPACE CO., BUFFALO, N.Y.  Correlation type phase detector [NASA-CASE-GSC-11744-1] C09 N73-23291 Modulator for tone and binary signals [NASA-CASE-GSC-11743-1] C07 N73-27107 BBLL AEROSYSTEMS CO., BUFFALO, N.Y.  Lunar landing flight research vehicle Patent [NASA-CASE-XFR-00929] C31 N70-34966 Flexibly connected support and skin Patent [NASA-CASE-XLA-01027] C31 N71-24035 Injection head for delivering liquid fuel and oxidizers [NASA-CASE-NPO-10046] C28 N72-17843 Flight control system [NASA-CASE-NPO-10046] C28 N72-25595 BBLLCOMM, INC., WASHINGTON, D.C. Physical correction filter for improving the optical quality of an image [NASA-CASE-HQN-10542-1] C23 N72-21663 BBHDIX CORP., ANN ARBOR, MICH.	aligns the three perpendicular axes of two three-axes systems Patent [NASA-CASE-IMF-00684] c21 N71-21688 Vapor liquid separator Patent [NASA-CASE-XMF-04042] c15 N71-23023 Thruster maintenance system Patent [NASA-CASE-XMF-20325] c28 N71-27095 Inflatable transpiration cooled nozzle [NASA-CASE-MFS-20619] c28 N72-11708  CALIFORNIA COMPUTER PRODUCTS, INC., AMAHEIM. Temperature regulation circuit Patent [NASA-CASE-XMP-02792] c14 N71-28958 CALIFORNIA INST. OF TECH., PASADENA. Attitude control for spacecraft Patent [NASA-CASE-XMP-02982] c31 N70-41855 CALIFORNIA UNIV., BERKELEY. Adjustable mount for a trihedral mirror Patent [NASA-CASE-IMP-08907] c23 N71-29123 Infrared detectors [NASA-CASE-LAR-10728-1] c14 N73-12445 CALIFORNIA UNIV., LOS ANGELES. Continuous plasma light source
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[NASA-CASE-IMS-04843] C03 N69-21469 BRCTON, DICKINSON AND CO., BUTHERPORD, N.J.  Vacuum probe Surface sampler [NASA-CASE-LAR-10623-1] C14 N73-30395 BBLL ARROSPACE CO., BUFFALO, N.Y.  Correlation type phase detector [NASA-CASE-GSC-11744-1] C09 N73-23291 Modulator for tone and binary signals [NASA-CASE-GSC-11743-1] C07 N73-27107 BBLL ARROSYSTEMS CO., BUFFALO, N.Y.  Lunar landing flight research vehicle Patent [NASA-CASE-XFR-00929] C31 N70-34966 Flexibly connected support and skin Patent [NASA-CASE-XFR-00929] C31 N71-24035 Injection head for delivering liquid fuel and oxidizers [NASA-CASE-NPO-10046] C28 N72-17843 Flight control system [NASA-CASE-MSC-13397-1] C21 N72-25595 BBLLCOHM, INC., WASHINGTON, D.C. Physical correction filter for improving the optical quality of an image [NASA-CASE-HQN-10542-1] C23 N72-21663 BBHDIX CORP., ANN ARBOR, MICH. Circuit breaker utilizing magnetic latching relays Patent	aligns the three perpendicular axes of two three-axes systems Patent [NASA-CASE-IMF-00684]
[NASA-CASE-IMS-04843] C03 N69-21469 BRCTON, DICKINSON AND CO., BUTBERFORD, N.J.  Vacuum probe surface sampler [NASA-CASE-LAR-10623-1] C14 N73-30395 BBLL ARROSPACE CO., BUFFALO, N.Y.  Correlation type phase detector [NASA-CASE-GSC-11744-1] C09 N73-23291 Modulator for tone and binary signals [NASA-CASE-GSC-11743-1] C07 N73-27107 BRLL ARROSYSTEMS CO., BUFFALO, N.Y.  Lunar landing flight research vehicle Patent [NASA-CASE-XFR-00929] C31 N70-34966 Flexibly connected support and skin Fatent [NASA-CASE-XLA-01027] C31 N71-24035 Injection head for delivering liquid fuel and oxidizers [NASA-CASE-NLA-01027] C28 N72-17843 Flight control system [NASA-CASE-NPO-10046] C28 R72-17843 Flight control system [NASA-CASE-NSC-13397-1] C21 N72-25595 BELLCOMM, INC., WASHINGTON, D.C. Physical correction filter for improving the optical quality of an image [NASA-CASE-HQN-10542-1] C23 N72-21663 BENDIX CORP., ANN ARBOR, MICH.  Circuit breaker utilizing magnetic latching relays Patent [NASA-CASE-MSC-11277] C09 N71-29008	aligns the three perpendicular axes of two three-axes systems Patent [NASA-CASE-IMF-00684] c21 N71-21688 Vapor liquid separator Patent [NASA-CASE-XMF-04042] c15 N71-23023 Thruster maintenance system Patent [NASA-CASE-XMF-04042] c28 N71-27095 Inflatable transpiration cooled nozzle [NASA-CASE-MFS-20325] c28 N72-11708  C  CALIFORNIA COMPUTER PRODUCTS, INC., AWAREIM. Temperature regulation circuit Patent [NASA-CASE-XMP-02792] c14 N71-28958 CALIFORNIA INST. OF TECH., PASADENA. Attitude control for spacecraft Patent [NASA-CASE-IMP-02982] c31 N70-41855 CALIFORNIA UNIV., BERKELEY. Adjustable mount for a trihedral mirror Patent [NASA-CASE-IMP-08907] c23 N71-29123 Infrared detectors [NASA-CASE-IMP-08907] c23 N71-29123 CALIFORNIA UNIV., LOS ANGELES. Continuous plasma light source [NASA-CASE-XMP-04167-3] c25 N72-21693 Continuous plasma light source [NASA-CASE-XMP-04167-2] c25 N72-21693
[NASA-CASE-IMS-04843] C03 M69-21469 BRCTOR, DICKINSON AND CO., BUTBERFORD, N.J.  Vacuum probe surface sampler [NASA-CASE-LRR-10623-1] C14 N73-30395 BBLL AEROSPACE CO., BUFFALO, N.Y.  Correlation type phase detector [NASA-CASE-GSC-11744-1] C09 N73-23291 Modulator for tone and binary signals [NASA-CASE-GSC-11743-1] C07 N73-27107 BBLL AEROSYSTEMS CO., BUFFALO, N.Y.  Lunar landing flight research vehicle Patent [NASA-CASE-XFR-00929] C31 N70-34966 Flexibly connected support and skin Patent [NASA-CASE-XLA-01027] C31 N71-24035 Injection head for delivering liquid fuel and oxidizers [NASA-CASE-NPO-10046] C28 N72-17843 Flight control system [NASA-CASE-NPO-10046] C28 N72-17843 Flight control system [NASA-CASE-NPO-10046] C21 N72-25595 BELLCOMM, INC., WASHINGTON, D.C. Physical correction filter for improving the optical quality of an image [NASA-CASE-HON-10542-1] C23 N72-21663 BENDIX CORP., ANN ARBOR, MICH.  Circuit breaker utilizing magnetic latching relays Patent [NASA-CASE-NSC-11277] C09 N71-29008 BENDIX CORP., DAVENPORT, IOWA.	aligns the three perpendicular axes of two three-axes systems Patent [NASA-CASE-IMF-00684] c21 N71-21688 Vapor liquid separator Patent [NASA-CASE-XMF-04042] c15 N71-23023 Thruster maintenance system Patent [NASA-CASE-XMF-20325] c28 N71-27095 Inflatable transpiration cooled nozzle [NASA-CASE-MFS-20619] c28 N72-11708  CALIFORNIA COMPUTER PRODUCTS, INC., AMAHEIM. Temperature regulation circuit Patent [NASA-CASE-XMF-02792] c14 N71-28958 CALIFORNIA INST. OF TECH., PASADENA. Attitude control for spacecraft Patent [NASA-CASE-INF-02982] c31 N70-41855 CALIFORNIA UNIV., BERKELEY. Adjustable mount for a trihedral mirror Patent [NASA-CASE-INF-08907] c23 N71-29123 Infrared detectors [NASA-CASE-IAR-10728-1] c14 N73-12445 CALIFORNIA UNIV., LOS ANGELES. Continuous plasma light source [NASA-CASE-XMF-04167-3] c25 N72-21693 CONTINUOUS plasma light source [NASA-CASE-XMF-04167-2] c25 N72-20753 CATHOLIC UNIV. OF ABERICA, WASHINGTON, D.C.
[NASA-CASE-MS-04843] C03 M69-21469 BECTON, DICKINSON AND CO., BUTHERPORD, N.J. Vacuum probe Surface sampler [NASA-CASE-LAR-10623-1] C14 N73-30395 BELL ARROSPACE CO., BUFFALO, N.J. Correlation type phase detector [NASA-CASE-GSC-11744-1] C09 N73-23291 Modulator for tone and binary signals [NASA-CASE-GSC-11743-1] C07 N73-27107 BELL ARROSPSTEMS CO., BUFFALO, N.Y. Lunar landing flight research vehicle Patent [NASA-CASE-SYR-00929] C31 N70-34966 Flexibly connected support and skin Patent [NASA-CASE-XYR-00929] C31 N71-24035 Injection head for delivering liquid fuel and oxidizers [NASA-CASE-NPO-10046] C28 N72-17843 Flight control system [NASA-CASE-MSC-13397-1] C21 N72-25595 BELLCOMM, INC., WASHINGTON, D.C. Physical correction filter for improving the optical quality of an image [NASA-CASE-HQN-10542-1] C23 N72-21663 BENDIX CORP., ANN ARBOR, MICH. Circuit breaker utilizing magnetic latching relays Patent [NASA-CASE-MSC-11277] C09 N71-29008 BENDIX CORP., DAVENPORT, IONA. Dual stage check valve	aligns the three perpendicular axes of two three-axes systems Patent [NASA-CASE-IMF-00684] c21 N71-21688 Vapor liquid separator Patent [NASA-CASE-XHF-04042] c15 N71-23023 Thruster maintenance system Patent [NASA-CASE-XHF-20325] c28 N71-27095 Inflatable transpiration cooled nozzle [NASA-CASE-MFS-20619] c28 N72-11708  CALIFORNIA COMPUTER PRODUCTS, INC., ANABEIM. Temperature regulation circuit Patent [NASA-CASE-XNF-02792] c14 N71-28958 CALIFORNIA INST. OF TECH., PASADENA. Attitude control for spacecraft Patent [NASA-CASE-XNF-02982] c31 N70-41855 CALIFORNIA UNIV., BERKELEY. Adjustable nount for a trihedral mirror Patent [NASA-CASE-XNF-08907] c23 N71-29123 Infrared detectors [NASA-CASE-LAR-10728-1] c14 N73-12445 CALIFORNIA UNIV., LOS ANGELES. Continuous plasma light source [NASA-CASE-XNF-04167-3] c25 N72-21693 Continuous plasma light source [NASA-CASE-XNF-04167-2] c25 N72-24753 CATHOLIC UNIV. OF AMERICA, WASHINGTON, D.C. Electromagnetic wave energy converter
[NASA-CASE-IMS-04843] C03 M69-21469 BRCTON, DICKINSON AND CO., BUTHERPORD, N.J.  Vacuum probe Surface sampler [NASA-CASE-LAR-10623-1] C14 N73-30395 BBLL ARROSPACE CO., BUFFALO, N.Y.  Correlation type phase detector [NASA-CASE-GSC-11744-1] C09 N73-23291 Modulator for tone and binary signals [NASA-CASE-GSC-11743-1] C07 N73-27107 BBLL ARROSYSTRMS CO., BUFFALO, N.Y.  Lunar landing flight research vehicle Patent [NASA-CASE-XFR-00929] C31 N70-34966 Flexibly connected support and skin Patent [NASA-CASE-XFR-01027] C31 N71-24035 Injection head for delivering liquid fuel and oxidizers [NASA-CASE-NPO-10046] C28 N72-17843 Flight control system [NASA-CASE-MSC-13397-1] C21 N72-25595 BBLLCOMM, INC., WASHINGTON, D.C. Physical correction filter for improving the optical quality of an image [NASA-CASE-HQN-10542-1] C23 N72-21663 BBEDIX CORP., ANN ARBOR, MICH. Circuit breaker utilizing magnetic latching relays Patent [NASA-CASE-MSC-11277] C09 N71-29008 BBNDIX CORP., DAVENPORT, IOWA. Dual stage check valve [NASA-CASE-MSC-13587-1] C15 N73-30459	aligns the three perpendicular axes of two three-axes systems Patent [NASA-CASE-IMF-00684]
[NASA-CASE-IMS-04843] C03 N69-21469 BRCTOR, DICKINSON AND CO., BUTBERFORD, N.J.  Vacuum probe surface sampler [NASA-CASE-LAR-10623-1] C14 N73-30395 BBLL ARROSPACE CO., BUFFALO, N.Y.  Correlation type phase detector [NASA-CASE-GSC-11744-1] C09 N73-23291 Modulator for tone and binary signals [NASA-CASE-GSC-11743-1] C07 N73-27107 BRLL ARROSYSTEMS CO., BUFFALO, N.Y.  Lunar landing flight research vehicle Patent [NASA-CASE-XFR-00929] C31 N70-34966 Flexibly connected support and skin Fatent [NASA-CASE-XLA-01027] C31 N71-24035 Injection head for delivering liquid oxidizers [NASA-CASE-NDO-10046] C28 N72-17843 Flight control system [NASA-CASE-MPO-10046] C28 N72-25595 BBLLCOMM, INC., WASHINGTON, D.C. Physical correction filter for improving the optical quality of an image [NASA-CASE-HQN-10542-1] C23 N72-21663 BBHDIX CORP., ANN ARBOR, MICH.  Circuit breaker utilizing magnetic latching relays Patent [NASA-CASE-MSC-11277] C09 N71-29008 BBNDIX CORP., DAVENPORT, IOWA.  Dual stage check valve [NASA-CASE-MSC-13587-1] c15 N73-30459 BBNDIX CORP., DATENDIT, BICH.	aligns the three perpendicular axes of two three-axes systems Patent [NASA-CASE-IMF-00684] c21 N71-21688 Vapor liquid separator Patent [NASA-CASE-XMF-04042] c15 N71-23023 Thruster maintenance system Patent [NASA-CASE-XMF-20325] c28 N71-27095 Inflatable transpiration cooled nozzle [NASA-CASE-MFS-20619] c28 N72-11708  CALIFORNIA COMPUTER PRODUCTS, INC., AMAHEIM. Temperature regulation circuit Patent [NASA-CASE-XMP-02792] c14 N71-28958 CALIFORNIA INST. OF TECH., PASADENA. Attitude control for spacecraft Patent [NASA-CASE-XMP-02982] c31 N70-41855 CALIFORNIA UNIV., BERKELEY. Adjustable mount for a trihedral mirror Patent [NASA-CASE-IMP-08907] c23 N71-29123 Infrared detectors [NASA-CASE-IAR-10728-1] c14 N73-12445 CALIFORNIA UNIV., LOS ANGELES. Continuous plasma light source [NASA-CASE-XMP-04167-3] c25 N72-21693 Continuous plasma light source [NASA-CASE-XMP-04167-2] c25 N72-21693 Continuous plasma light source [NASA-CASE-XMP-04167-2] c25 N72-21693 CATHOLIC UNIV. OF ABERICA, WASHINGTON, D.C. Electromagnetic wave energy converter [NASA-CASE-SC-11394-1] c09 N73-32109 CHANCE YOUGHT CORP., DALLAS, TEX.
[NASA-CASE-MS-04843] C03 M69-21469 BECTON, DICKINSON AND CO., BUTHERFORD, N.J. Vacuum probe Surface sampler [NASA-CASE-LAR-10623-1] C14 N73-30395 BELL ARROSPACE CO., BUFFALO, N.J. Correlation type phase detector [NASA-CASE-GSC-11744-1] C09 N73-23291 Modulator for tone and binary signals [NASA-CASE-GSC-11743-1] C07 N73-27107 BELL ARROSPSTEMS CO., BUFFALO, N.Y. Lunar landing flight research vehicle Patent [NASA-CASE-XFR-00929] C31 N70-34966 Flexibly connected support and skin Patent [NASA-CASE-XFR-00929] C31 N71-24035 Injection head for delivering liquid fuel and oxidizers [NASA-CASE-NPO-10046] C28 N72-17843 Flight control system [NASA-CASE-MSC-13397-1] C21 N72-25595 BELLCOMM, INC., WASHINGTON, D.C. Physical correction filter for improving the optical quality of an image [NASA-CASE-HQN-10542-1] C23 N72-21663 BENDIX CORP., ANN ARBOR, MICH. Circuit breaker utilizing magnetic latching relays Patent [NASA-CASE-MSC-11277] C09 N71-29008 BENDIX CORP., DAVENPORT, IOWA. Dual stage check valve [NASA-CASE-MSC-13587-1] C15 N73-30459 BENDIX CORP., DETROIT, BICK. Deformable vehicle wheel Patent	aligns the three perpendicular axes of two three-axes systems Patent [NASA-CASE-IMF-00684] c21 N71-21688 Vapor liquid separator Patent [NASA-CASE-XHF-04042] c15 N71-23023 Thruster maintenance system Patent [NASA-CASE-XHF-20325] c28 N71-27095 Inflatable transpiration cooled nozzle [NASA-CASE-MFS-20619] c28 N72-11708  CALIFORNIA COMPUTER PRODUCTS, INC., ANABEIM. Temperature regulation circuit Patent [NASA-CASE-XHP-02792] c14 N71-28958 CALIFORNIA INST. OF TECH., PASADENA. Attitude control for spacecraft Patent [NASA-CASE-XHP-02982] c31 N70-41855 CALIFORNIA UNIV., BERKELEY. Adjustable mount for a trihedral mirror Patent [NASA-CASE-XHP-08907] c23 N71-29123 Infrared detectors [NASA-CASE-IAR-10728-1] c14 N73-12445 CALIFORNIA UNIV., LOS ANGELES. Continuous plasma light source [NASA-CASE-XHP-04167-3] c25 N72-21693 Continuous plasma light source [NASA-CASE-XHP-04167-2] c25 N72-21693 CATHOLIC UNIV. OF ABERICA, WASHINGTON, D.C. Electromagnetic wave energy converter [NASA-CASE-GSC-11394-1] c09 N73-32109 CHANCE VOUGHT CORP., DALLAS, TEL. Coupling for linear shaped charge Patent
[NASA-CASE-MS-04843] C03 M69-21469 BRCTON, DICKINSON AND CO., BUTHERPORD, N.J.  Vacuum probe Surface sampler [NASA-CASE-LAR-10623-1] C14 N73-30395 BBLL ARROSPACE CO., BUFFALO, N.Y.  Correlation type phase detector [NASA-CASE-GSC-11744-1] C09 N73-23291 Modulator for tone and binary signals [NASA-CASE-GSC-11743-1] C07 N73-27107 BBLL ARROSYSTEMS CO., BUFFALO, N.Y.  Lunar landing flight research vehicle Patent [NASA-CASE-XFR-00929] C31 N70-34966 Flexibly connected support and skin Patent [NASA-CASE-XFR-00929] C31 N71-24035 Injection head for delivering liquid fuel and oxidizers [NASA-CASE-NPO-10046] C28 N72-17843 Flight control system [NASA-CASE-MSC-13397-1] C21 N72-25595 BBLLCOHM, INC., WASHINGTON, D.C. Physical correction filter for improving the optical quality of an image [NASA-CASE-HQN-10542-1] C23 N72-21663 BBHDIX CORP., ANN ARBOR, MICH. Circuit breaker utilizing magnetic latching relays Patent [NASA-CASE-MSC-11277] C09 N71-29008 BBNDIX CORP., DAVENPORT, IOWA. Dual stage check valve [NASA-CASE-MSC-13587-1] BRNDIX CORP., DRTROIT, BICH. Deformable vehicle wheel Patent [NASA-CASE-MSC-13587-1] C15 N73-30459 BRNDIX CORP., DRTROIT, BICH. Deformable vehicle wheel Patent [NASA-CASE-MSC-13587-1] C31 N71-18611	aligns the three perpendicular axes of two three-axes systems Patent [NASA-CASE-IMF-00684] c21 N71-21688 Vapor liquid separator Patent [NASA-CASE-XHF-04042] c15 N71-23023 Thruster maintenance system Patent [NASA-CASE-XHF-20325] c28 N71-27095 Inflatable transpiration cooled nozzle [NASA-CASE-MFS-20619] c28 N72-11708  C  CALIFORNIA COMPUTER PRODUCTS, INC., ANABELL.  Temperature regulation circuit Patent [NASA-CASE-XHF-02792] c14 N71-28958 CALIFORNIA INST. OF TECH., PASADENA.  Attitude control for spacecraft Patent [NASA-CASE-INP-02982] c31 N70-41855 CALIFORNIA UNIV., BERKELEY.  Adjustable nount for a trihedral mirror Patent [NASA-CASE-INP-08907] c23 N71-29123 Infrared detectors [NASA-CASE-INP-08907] c14 N73-12445 CALIFORNIA UNIV., IOS ANGELES.  Continuous plasma light source [NASA-CASE-INP-04167-3] c25 N72-21693 Continuous plasma light source [NASA-CASE-INP-04167-2] c25 N72-21693 Continuous plasma light source [NASA-CASE-INP-04167-2] c25 N72-21693 Continuous plasma light source [NASA-CASE-INP-04167-2] c25 N72-24753 CATHOLIC UNIV. OF AMERICA, WASHINGTON, D.C.  Electromagnetic wave energy converter [NASA-CASE-SCC-11394-1] c09 N73-32109 CHANCE VOUGHT CORP., DALLAS, TEL.  Coupling for linear shaped charge Patent [NASA-CASE-XLA-00189] c33 N70-36846
[NASA-CASE-MS-04843] C03 M69-21469 BECTON, DICKINSON AND CO., BUTHERFORD, N.J. Vacuum probe Surface sampler [NASA-CASE-LAR-10623-1] C14 N73-30395 BELL ARROSPACE CO., BUFFALO, N.J. Correlation type phase detector [NASA-CASE-GSC-11744-1] C09 N73-23291 Modulator for tone and binary signals [NASA-CASE-GSC-11743-1] C07 N73-27107 BELL ARROSPSTEMS CO., BUFFALO, N.Y. Lunar landing flight research vehicle Patent [NASA-CASE-XFR-00929] C31 N70-34966 Flexibly connected support and skin Patent [NASA-CASE-XFR-00929] C31 N71-24035 Injection head for delivering liquid fuel and oxidizers [NASA-CASE-NPO-10046] C28 N72-17843 Flight control system [NASA-CASE-MSC-13397-1] C21 N72-25595 BELLCOMM, INC., WASHINGTON, D.C. Physical correction filter for improving the optical quality of an image [NASA-CASE-HQN-10542-1] C23 N72-21663 BENDIX CORP., ANN ARBOR, MICH. Circuit breaker utilizing magnetic latching relays Patent [NASA-CASE-MSC-11277] C09 N71-29008 BENDIX CORP., DAVENPORT, IOWA. Dual stage check valve [NASA-CASE-MSC-13587-1] C15 N73-30459 BENDIX CORP., DETROIT, BICK. Deformable vehicle wheel Patent	aligns the three perpendicular axes of two three-axes systems Patent [NASA-CASE-IMF-00684] c21 N71-21688 Vapor liquid separator Patent [NASA-CASE-XHF-04042] c15 N71-23023 Thruster maintenance system Patent [NASA-CASE-XHF-20325] c28 N71-27095 Inflatable transpiration cooled nozzle [NASA-CASE-MFS-20619] c28 N72-11708  CALIFORNIA COMPUTER PRODUCTS, INC., ANABEIM. Temperature regulation circuit Patent [NASA-CASE-XHP-02792] c14 N71-28958 CALIFORNIA INST. OF TECH., PASADENA. Attitude control for spacecraft Patent [NASA-CASE-XHP-02982] c31 N70-41855 CALIFORNIA UNIV., BERKELEY. Adjustable mount for a trihedral mirror Patent [NASA-CASE-XHP-08907] c23 N71-29123 Infrared detectors [NASA-CASE-IAR-10728-1] c14 N73-12445 CALIFORNIA UNIV., LOS ANGELES. Continuous plasma light source [NASA-CASE-XHP-04167-3] c25 N72-21693 Continuous plasma light source [NASA-CASE-XHP-04167-2] c25 N72-21693 CATHOLIC UNIV. OF ABERICA, WASHINGTON, D.C. Electromagnetic wave energy converter [NASA-CASE-GSC-11394-1] c09 N73-32109 CHANCE VOUGHT CORP., DALLAS, TEL. Coupling for linear shaped charge Patent
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[NASA-CASE-IMS-Q4843] C03 N69-21469 BRCTON, DICKINSON AND COA, BUTHERFORD, N.J. Vacuum probe surface sampler [NASA-CASE-LAR-10623-1] C14 N73-30395 BELL ARROSPACE COA, BUFFALO, N.Y. Correlation type phase detector [NASA-CASE-GSC-11744-1] C09 N73-23291 Modulator for tone and binary signals [NASA-CASE-GSC-11743-1] C07 N73-27107 BELL ARROSISTEMS COA, BUFFALO, N.Y. Lunar landing flight research vehicle Patent [NASA-CASE-XIR-00929] C31 N70-34966 Flexibly connected support and skin Patent [NASA-CASE-XIA-01027] C31 N71-24035 Injection head for delivering liquid fuel and oxidizers [NASA-CASE-NIC-13397-1] C28 N72-17843 Flight control system [NASA-CASE-NSC-13397-1] C21 N72-25595 BELLCOMM, INC., WASHINGTON, D.C. Physical correction filter for improving the optical quality of an image [NASA-CASE-HQN-10542-1] C23 N72-21663 BENDIX CORP., ANN ARBOR, HICH. Circuit breaker utilizing magnetic latching relays Patent [NASA-CASE-HQN-10542-1] c09 N71-29008 BENDIX CORP., DAVENPORT, IOWA. Dual stage check valve [NASA-CASE-HSC-11277] c09 N71-29008 BENDIX CORP., DAVENPORT, IOWA. Dual stage check valve [NASA-CASE-HSC-13587-1] c15 N73-30459 BENDIX CORP., DRIBOIT, HICH. Deformable vehicle wheel Patent [NASA-CASE-HFS-20400] c31 N71-18611 BENDIX CORP., HUNTSVILLE, ALA. Multi axes vibration fixtures [NASA-CASE-HFS-20242] BENDIX CORP., KENHEDY SPACE CENTER, FLA. Color perception tester	aligns the three perpendicular axes of two three-axes systems Patent [NASA-CASE-IMF-00684] c21 N71-21688 Vapor liquid separator Patent [NASA-CASE-IMF-04042] c15 N71-23023 Thruster maintenance system Patent [NASA-CASE-IMFS-20325] c28 N71-27095 Inflatable transpiration cooled nozzle [NASA-CASE-IMFS-20619] c28 N72-11708  CALIFORNIA COMPUTER PRODUCTS, INC., AMAHEIM. Temperature regulation circuit Patent [NASA-CASE-IMFS-20619] c14 N71-28958 CALIFORNIA INST. OF TECH., PASADENA. Attitude control for spacecraft Patent [NASA-CASE-INP-02982] c31 N70-41855 CALIFORNIA UNIV., BERKELEY. Adjustable mount for a trihedral mirror Patent [NASA-CASE-IMP-08907] c23 N71-29123 Infrared detectors [NASA-CASE-IMP-08907] c14 N73-12445 CALIFORNIA UNIV., LOS ANGELES. Continuous plasma light source [NASA-CASE-IMP-04167-3] c25 N72-21693 Continuous plasma light source [NASA-CASE-INP-04167-2] c25 N72-24753 CATHOLIC UNIV. OF ABERICA, WASHINGTON, D.C. Electromagnetic wave energy converter [NASA-CASE-SC-11394-1] c09 N73-32109 CHANCE VOUGHT CORP., DALLAS, TEX. Coupling for linear shaped charge Patent [NASA-CASE-XLA-00189] c33 N70-36846 Spin forming tubular elbows Patent [NASA-CASE-XLA-00189] c33 N70-36846 Spin forming tubular elbows Patent [NASA-CASE-XLA-00188] c15 N71-22723 Single action separation mechanism Patent [NASA-CASE-XLA-0188] c15 N71-22874 CHRYSLER CORP., DETROIT, NICH.

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[NASA-CASE-MFS-14253] c33 N71-24858	Patent
Constant temperature heat sink for calorimeters Patent	[NASA-CASE-IGS-01674] c03 N71-29129
[NASA-CASE-XMF-04208] c33 N71-29051	BLECTRO-OPTICAL SYSTEMS, INC., PASADEBA, CALIF.
CHRYSLER CORP., HUSTSVILLE, ALA.	Focussing system for an ion source having apertured electrodes Patent
Apparatus for ejection of an instrument cover	[NASA-CASE-XNP-03332] c09 N71-10618
[NASA-CASE-XMF-04132] c15 N69-27502	Electrolytically regenerative hydrogen-oxygen
COLLIES RADIO CO., CEDAR RAPIDS, IOHA.	fuel cell Patent
Power responsive overload sensing circuit Patent [NASA-CASE-GSC-10667-1] c10 N71-33129	[NASA-CASE-XLE-04526] c03 N71-11052
[NASA-CASE-GSC-10667-1] c10 N71-33129 COLLIES RADIO CO., DALLAS, TEX.	Method of producing refractory bodies having
Signal path series step biased multidevice high	controlled porosity Patent [NASA-CASE-LEH-10393-1] c17 N71-15468
efficiency amplifier Patent	Soil particles separator, collector and viewer
[NASA-CASE-GSC-10668-1] c07 N71-28430	Patent
Heat conductive resiliently compressible	[NASA-CASE-XNP-09770] c15 N71-20440
structure for space electronics package	Particle detection apparatus including a
modules Patent	ballistic pendulum Patent
[NASA-CASE-MSC-12389] c33 N71-29052 Infinite range electronics gain control circuit	[NASA-CASE-XMS-04201] c14 N71-22990
[NASA-CASE-GSC-10786-1] c10 N72-28241	Polarity sensitive circuit Patent
COMPREHENSIVE DESIGNERS, INC., SHEREAN OAKS, CALIF.	[NASA-CASE-XNP-00952] c10 N71-23271  Ion engine casing construction and method of
Vehicle for use in planetary exploration	making same Patent
[NASA-CASE-NPO-11366] c11 N73-26238	[NASA-CASE-XNP-06942] c28 N71-23293
COMPUTER CONTROL CO., INC., FRAHINGHAM, HASS.	Material handling device Patent
Test fixture for pellet-like electrical elements	[NASA-CASE-XNP-09770-3] c11 N71-27036
[NASA-CASE-XNP-06032] c09 N69-21926	Screen particle separator
Support structure for irradiated elements Patent [NASA-CASE-XNP-06031] c15 N71-15606	[NASA-CASE-XNP-09770-2] c15 N72-22483
[NASA-CASE-XNP-06031] c15 N71-15606 Counter Patent	BLECTRONIC IHAGE SYSTEMS CORP., CAMBRIDGE, HASS.
[NASA-CASE-XNP-06234] c10 N71-27137	Drying apparatus for photographic sheet material [NASA-CASE-GSC-11074-1] c14 N73-28489
CONRAC CORP., PASADENA, CALIF.	[NASA-CASE-GSC-11074-1] c14 N73-28489 BSB, INC., RALBIGH, N.C.
Penetrating radiation system for detecting the	Storage battery comprising negative plates of a
amount of liquid in a tank Patent	wedge shaped configuration
[NASA-CASE-MSC-12280] c27 N71-16348	[ NASA-CASE-NPO-11806-1.] c03 N74-19693
CORNELL UNIV., ITHACA, N.Y.	ESB, INC., YARDLEY, PA.
Flux sensing device using a tubular core with	Electric storage battery
toroidal gating coil and solenoidal output coil wound thereon Patent	[NASA-CASE-NPO-11021] c03 N72-20032
[NASA-CASE-KGS-01881] c09 N70-40123	BHEN KNIGHT CORP., RAST NATICE, HASS.
CRANE CO., BURBANK, CALIF.	Method and means for providing an absolute power
Hydraulic transformer Patent	measurement capability Patent [NASA-CASE-ERC-11020] c14 N71-26774
[NASA-CASE-MFS-20830] c15 N71-30028	[ MADE CHOP-BRC-11020 ] C14 M/1-20//4
CURTISS-BRIGHT CORP., BOOD-RIDGE, N.J.	F
Gas turbine combustion apparatus Patent	<b>r</b> .
[NASA-CASE-XLE-103477-1] c28 N71-20330	PAIRCHILD HILLER CORP., GERHANTOHN, HD.
[NASA-CASE-XLE-10347/-1] C28 N71-20330	Two axis fluxgate magnetometer Patent
[ MASA-CASE-XLE-103477-1]	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325
D	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325 Space simulation and radiative property testing
DELAHARE UNIV., NEHARK.	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325 Space simulation and radiative property testing system and method Patent
D	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325 Space simulation and radiative property testing system and method Patent [NASA-CASE-MFS-20096] c14 N71-30026
DELAUARE UNIX., NEWARK. High field Cds detector for infrared radiation	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325  Space simulation and radiative property testing system and method Patent [NASA-CASE-MFS-20096] c14 N71-30026  Thermal control system for a spacecraft modular
DELAHARE UNIV., NEHARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Metal shearing energy absorber	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325  Space simulation and radiative property testing system and method Patent [NASA-CASE-MFS-20096] c14 N71-30026  Thermal control system for a spacecraft modular housing
DELAHARE UNIV., NEWARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Netal shearing energy absorber [NASA-CASE-HQN-10638-1] c15 N73-30460	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325 Space simulation and radiative property testing system and method Patent [NASA-CASE-MFS-20096] c14 N71-30026 Thermal control system for a spacecraft modular housing [NASA-CASE-GSC-11018-1] c31 N73-30829 FEDERAL-EGGUL CORP., LOS ALAMITOS, CALIF.
DELAHARE UNIV., NEHARK.  High field CdS detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENUER UNIV., COLO.  Hetal shearing energy absorber [NASA-CASE-HQN-10638-1] c15 N73-30460  DORNE AND HARGOLIN, INC., BOHEHIA, P.Y.	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325 Space simulation and radiative property testing system and method Patent [NASA-CASE-MPS-20096] c14 N71-30026 Thermal control system for a spacecraft modular housing [NASA-CASE-GSC-11018-1] c31 N73-30829 FEDERAL-MOGUL CORP-, LOS ALAMITOS, CALIF- Hydraulic casting of liquid polymers Patent
DELABARE UNIV., NEMARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Hetal shearing energy absorber [NASA-CASE-HQN-10638-1] c15 N73-30460  DORNE AND HARGOLIN, INC., BOHEHIA, B.I. Nose code mounted heat resistant antenna Patent	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325 Space simulation and radiative property testing system and method Patent [NASA-CASE-MPS-20096] c14 N71-30026 Thermal control system for a spacecraft modular housing [NASA-CASE-GSC-11018-1] c31 N73-30829 FEDERAL-BOGUL CORP., LOS ALAMITOS, CALIF. Hydraulic casting of liquid polymers Patent [NASA-CASE-XNP-07659] c06 N71-22975
DELAHARE UNIV., NEHARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Metal shearing energy absorber [NASA-CASE-HQN-10638-1] c15 N73-30460  DORNE AND HARGOLIN, INC., BOHEHIA, B.Y.  Nose come mounted heat resistant antenna Patent [NASA-CASE-XMS-04312] c07 N71-22984	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325 Space simulation and radiative property testing system and method Patent [NASA-CASE-MFS-20096] c14 N71-30026 Thermal control system for a spacecraft modular housing [NASA-CASE-GSC-11018-1] c31 N73-30829 FEDERAL-HOGUL CORP., LOS ALAMITOS, CALIF. Hydraulic casting of liquid polymers Patent [NASA-CASE-XNP-07659] c06 N71-22975 FEC CORP., NEW YORK.
DELAHARE UNIV., NEWARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Netal shearing energy absorber [NASA-CASE-HQN-10638-1] c15 N73-30460  DORNE AND HARGOLIN, INC., BOHEHIA, H.Y.  Nose come mounted heat resistant antenna Patent [NASA-CASE-XMS-04312] c07 N71-22984  DOUGLAS AIRCRAFT CO., INC., SANTA HONICA, CALIF.	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325 Space simulation and radiative property testing system and method Patent [NASA-CASE-MPS-20096] c14 N71-30026 Thermal control system for a spacecraft modular housing [NASA-CASE-GSC-11018-1] c31 N73-30829 FEDERAL-HOGUL CORP., LOS ALAMITOS, CALIF. Hydraulic casting of liquid polymers Patent [NASA-CASE-XNP-07659] c06 N71-22975 FHC CORP., NEE YORK. Decomposition unit Patent
DELAHARE UNIV., NEHARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Metal shearing energy absorber [NASA-CASE-HQN-10638-1] c15 N73-30460  DORNE AND HARGOLIN, INC., BOHEHIA, B.Y.  Nose cone mounted heat resistant antenna Patent [NASA-CASE-XMS-04312] c07 N71-22984  DOUGLAS AIRCRAFT CO., INC., SANTA HONICA, CALIF.  Recoverable single stage spacecraft booster Patent	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325 Space simulation and radiative property testing system and method Patent [NASA-CASE-MFS-20096] c14 N71-30026 Thermal control system for a spacecraft modular housing [NASA-CASE-GSC-11018-1] c31 N73-30829 FEDERAL-HOGUL CORP., LOS ALAMITOS, CALIF. Hydraulic casting of liquid polymers Patent [NASA-CASE-XNP-07659] c06 N71-22975 FSC CORP., WEE YORK. Decomposition unit Patent [NASA-CASE-MS-00583] c28 N70-38504
DELAHARE UNIV., NEWARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Netal shearing energy absorber [NASA-CASE-HQN-10638-1] c15 N73-30460  DORNE AND HARGOLIN, INC., BOHEHIA, H.Y.  Nose come mounted heat resistant antenna Patent [NASA-CASE-XMS-04312] c07 N71-22984  DOUGLAS AIRCRAFT CO., INC., SANTA HONICA, CALIF.	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325 Space simulation and radiative property testing system and method Patent [NASA-CASE-MFS-20096] c14 N71-30026 Thermal control system for a spacecraft modular housing [NASA-CASE-GSC-11018-1] c31 N73-30829 FEDERAL-HOGUL CORP., LOS ALAMITOS, CALIF. Hydraulic casting of liquid polymers Patent [NASA-CASE-XNP-07659] c06 N71-22975 FHC CORP., NEB YORK. Decomposition unit Patent [NASA-CASE-IMS-00583] c28 N70-38504 FORD HOTOR CO., DEARBORN, HICH.
DELAHARE UNIV., NEWARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Netal shearing energy absorber [NASA-CASE-HQN-10638-1] c15 N73-30460  DORNE AND HARGOLIN, INC., BOHEHIA, B.Y.  Nose come mounted heat resistant antenna Patent [NASA-CASE-XMS-04312] c07 N71-22984  DOUGLAS AIRCRAFT CO., INC., SANTA HONICA, CALIF.  Recoverable single stage spacecraft booster Patent [NASA-CASE-XNF-01973] c31 N70-41588  Switching circuit employing regeneratively connected complementary transistors Patent	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325  Space simulation and radiative property testing system and method Patent [NASA-CASE-MFS-20096] c14 N71-30026  Thermal control system for a spacecraft modular housing [NASA-CASE-GSC-11018-1] c31 N73-30829  FEDERAL-HOGUL CORP., LOS ALAMITOS, CALIF. Hydraulic casting of liquid polymers Patent [NASA-CASE-XNP-07659] c06 N71-22975  FHC CORP., NEB YORK. Decomposition unit Patent [NASA-CASE-XMS-00583] c28 N70-38504  FORD HOTOR CO., DEARBORN, HICH. Omnidirectional acceleration device Patent
DELABARE UNIV., NBHARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Hetal shearing energy absorber [NASA-CASE-HQN-10638-1] c15 N73-30460  DORNE AND HARGOLIN, INC., BOHEHIA, B.Y.  Nose come mounted heat resistant antenna Patent [NASA-CASE-XMS-04312] c07 N71-22984  DOUGLAS AIRCRAFT CO., INC., SANTA HONICA, CALIF.  Recoverable single stage spacecraft booster Patent [NASA-CASE-XMF-01973] c31 N70-41588  Switching circuit employing regeneratively connected complementary transistors Patent [NASA-CASE-XNF-02654] c10 N70-42032	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325 Space simulation and radiative property testing system and method Patent [NASA-CASE-MFS-20096] c14 N71-30026 Thermal control system for a spacecraft modular housing [NASA-CASE-GSC-11018-1] c31 N73-30829 FEDERAL-HOGUL CORP., LOS ALAMITOS, CALIF. Hydraulic casting of liquid polymers Patent [NASA-CASE-XNP-07659] c06 N71-22975 FHC CORP., NEB YORK. Decomposition unit Patent [NASA-CASE-IMS-00583] c28 N70-38504 FORD HOTOR CO., DEARBORN, HICH.
DELAHARE UNIV., NBHARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Metal shearing energy absorber [NASA-CASE-HQN-10638-1] c15 N73-30460  DORNB AND HARGOLIN, INC., BOHEHIA, B.Y.  Nose come mounted heat resistant antenna Patent [NASA-CASE-XMS-04312] c07 N71-22984  DOUGLAS AIRCRAFT CO., INC., SANTA HONICA, CALIF.  Recoverable single stage spacecraft booster Patent [NASA-CASE-XNF-01973] c31 N70-41588  Switching circuit employing regeneratively connected complementary transistors Patent [NASA-CASE-XNP-02654] c10 N70-42032  Split nut separation system Patent	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325  Space simulation and radiative property testing system and method Patent [NASA-CASE-MPS-20096] c14 N71-30026  Thermal control system for a spacecraft modular housing [NASA-CASE-GSC-11018-1] c31 N73-30829  FEDERAL-HOGUL CORP., LOS ALAMITOS, CALIF. Hydraulic casting of liquid polymers Patent [NASA-CASE-XNP-07659] c06 N71-22975  FHC CORP., NRH TORK.  Decomposition unit Patent [NASA-CASE-XMS-00583] c28 N70-38504  FORD HOTOR CO., DEARBORN, HICH. Omnidirectional acceleration device Patent [NASA-CASE-HQN-10780] c14 N71-30265
DELABARE UNIV., NBHARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Metal shearing energy absorber [NASA-CASE-HQN-10638-1] c15 N73-30460  DORNE AND HARGOLIN, INC., BOHEHIA, B.Y.  Nose come mounted heat resistant antenna Patent [NASA-CASE-XMS-04312] c07 N71-22984  DOUGLAS AIRCHAFT CO., INC., SANTA HONICA, CALIF.  Recoverable single stage spacecraft booster Patent [NASA-CASE-XNF-01973] c31 N70-41588  Switching circuit employing regeneratively connected complementary transistors Patent [NASA-CASE-XNP-02654] c10 N70-42032  Split nut separation system Patent [NASA-CASE-XNP-06914] c15 N71-21489	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325  Space simulation and radiative property testing system and method Patent [NASA-CASE-MFS-20096] c14 N71-30026  Thermal control system for a spacecraft modular housing [NASA-CASE-GSC-11018-1] c31 N73-30829  FEDERAL-HOGUL CORP., LOS ALAMITOS, CALIF. Hydraulic casting of liquid polymers Patent [NASA-CASE-XNP-07659] c06 N71-22975  FHC CORP., NEH YORK. Decomposition unit Patent [NASA-CASE-IMS-00583] c28 N70-38504  FORD HOTOR CO., DEARBORN, MICH. Omnidirectional acceleration device Patent [NASA-CASE-HQN-10780] c14 N71-30265
DELABARE UNIV., NEMARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Metal shearing energy absorber [NASA-CASE-HQN-10638-1] c15 N73-30460  DORNE AND HARGOLIN, INC., BOHEHIA, B.Y.  Nose come mounted heat resistant antenna Patent [NASA-CASE-XMS-04312] c07 N71-22984  DOUGLAS AIRCRAFT CO., INC., SANTA HONICA, CALIF.  Recoverable single stage spacecraft booster Patent [NASA-CASE-XNF-01973] c31 N70-41588  Switching circuit employing regeneratively connected complementary transistors Patent [NASA-CASE-XNP-02654] c10 N70-42032  Split nut separation system Patent [NASA-CASE-XNP-06914] c15 N71-21489 Artificial gravity spin deployment system Patent	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325 Space simulation and radiative property testing system and method Patent [NASA-CASE-MFS-20096] c14 N71-30026 Thermal control system for a spacecraft modular housing [NASA-CASE-MSC-11018-1] c31 N73-30829 FEDERAL-HOGUL CORP., LOS ALAMITOS, CALIF. Hydraulic casting of liquid polymers Patent [NASA-CASE-XNP-07659] c06 N71-22975 FHC CORP., NEW TORK. Decomposition unit Patent [NASA-CASE-MS-00583] c28 N70-38504 FORD HOTOR CO., DEARBORN, MICH. Omnidirectional acceleration device Patent [NASA-CASE-HQN-10780] c14 N71-30265  GARRETT CORP., LOS ANGBLES, CALIP.
DELABARE UNIV., NBHARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Metal shearing energy absorber [NASA-CASE-HQN-10638-1] c15 N73-30460  DORNE AND HARGOLIN, INC., BOHEHIA, B.Y.  Nose cone mounted heat resistant antenna Patent [NASA-CASE-XMS-04312] c07 N71-22984  DOUGLAS AIBCRAFT CO., INC., SANTA HONICA, CALIF.  Recoverable single stage spacecraft booster Patent [NASA-CASE-XNF-01973] c31 N70-41586  Switching circuit employing regeneratively connected complementary transistors Patent [NASA-CASE-XNF-02654] c10 N70-42032  Split nut separation system Patent [NASA-CASE-XNF-06914] Artificial gravity spin deployment system Patent [NASA-CASE-XNF-02595] c31 N71-21881	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325 Space simulation and radiative property testing system and method Patent [NASA-CASE-MFS-20096] c14 N71-30026 Thermal control system for a spacecraft modular housing [NASA-CASE-MFS-20096]] c31 N73-30829 FEDERAL-HOGUL COBP., LOS ALAMITOS, CALIF. Hydraulic casting of liquid polymers Patent [NASA-CASE-XNP-07659] c06 N71-22975 FSC CORP., NEE YORK. Decomposition unit Patent [NASA-CASE-MS-00583] c28 N70-38504 FORD HOTOR CO., DEARBORN, HICH. Omnidirectional acceleration device Patent [NASA-CASE-HQN-10780] c14 N71-30265  GARRETT CORP., LOS ANGELES, CALIF. Belief Valve
DELAHARE UNIV., NBHARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Metal shearing energy absorber [NASA-CASE-HQN-10638-1] c15 N73-30460  DORNB AND HARGOLIN, INC., BOHEHIA, B.Y.  Nose come mounted heat resistant antenna Patent [NASA-CASE-XMS-04312] c07 N71-22984  DOUGLAS AIRCHAFT CO., INC., SANTA HONICA, CALIF.  Recoverable single stage spacecraft booster Patent [NASA-CASE-XNF-01973] c31 N70-41588  Switching Circuit employing regeneratively connected complementary transistors Patent [NASA-CASE-XNP-02654] c10 N70-42032  Split nut separation system Patent [NASA-CASE-XNP-06914] c75 N71-21489  Artificial gravity spin deployment system Patent [NASA-CASE-XNP-0595] c31 N71-21881  Portable superclean air column device Patent	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325 Space simulation and radiative property testing system and method Patent [NASA-CASE-MFS-20096] c14 N71-30026 Thermal control system for a spacecraft modular housing [NASA-CASE-GSC-11018-1] c31 N73-30829 FEDERAL-HOGUL COBP., LOS ALAMITOS, CALIF. Hydraulic casting of liquid polymers Patent [NASA-CASE-XNP-07659] c06 N71-22975 FHC CORP., NEH YORK. Decomposition unit Patent [NASA-CASE-IMS-0583] c28 N70-38504 FORD HOTOR CO., DEARBORN, HICH. Omnidirectional acceleration device Patent [NASA-CASE-HQN-10780] c14 N71-30265  GARRETT CORP., LOS ANGBLES, CALIP. Relief valve [NASA-CASE-XMS-05894-1] c15 N69-21924
DELAHARE UNIV., NBHARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Metal shearing energy absorber [NASA-CASE-HQN-10638-1] c15 N73-30460  DORNE AND HARGOLIN, INC., BOHEHIA, B.Y.  Nose come mounted heat resistant antenna Patent [NASA-CASE-XMS-04312] c07 N71-22984  DOUGLAS AIRCRAFT CO., INC., SANTA HONICA, CALIF.  Recoverable single stage spacecraft booster Patent [NASA-CASE-XNF-01973] c31 N70-41588  Switching circuit employing regeneratively connected complementary transistors Patent [NASA-CASE-XNP-02654] c10 N70-42032  Split nut separation system Patent [NASA-CASE-XNP-06914] c15 N71-21489  Artificial gravity spin deployment system Patent [NASA-CASE-XNP-0595] c31 N71-21881 Portable superclean air column device Patent	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325  Space simulation and radiative property testing system and method Patent [NASA-CASE-MFS-20096] c14 N71-30026  Thermal control system for a spacecraft modular housing [NASA-CASE-GSC-11018-1] c31 N73-30829  FEDERAL-HOGUL CORP., LOS ALAMITOS, CALIF. Hydraulic casting of liquid polymers Patent [NASA-CASE-XNP-07659] c06 N71-22975  FHC CORP., NEB YORK. Decomposition unit Patent [NASA-CASE-IMS-0583] c28 N70-38504  FORD HOTOR CO., DEARBORN, HICH. Omnidirectional acceleration device Patent [NASA-CASE-HQN-10780] c14 N71-30265  GARRETT CORP., LOS ANGELES, CALIF. Relief valve [NASA-CASE-XMS-05894-1] c15 N69-21924 Portable environmental control system Patent
DELABARE UNIV., NBHARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Metal shearing energy absorber [NASA-CASE-HQN-10638-1] c15 N73-30460  DORNE AND HARGOLIN, INC., BOHEHIA, B.Y.  Nose come mounted heat resistant antenna Patent [NASA-CASE-XMS-04312] c07 N71-22984  DOUGLAS AIRCHAFT CO., INC., SANTA HONICA, CALIF.  Recoverable single stage spacecraft booster Patent [NASA-CASE-XNF-01973] c31 N70-41588  Switching circuit employing regeneratively connected complementary transistors Patent [NASA-CASE-XNP-02654] c10 N70-42032  Split nut separation system Patent [NASA-CASE-XNP-06914] c15 N71-21489  Artificial gravity spin deployment system Patent [NASA-CASE-XNP-02595] c31 N71-21881  Portable superclean air column device Patent [NASA-CASE-XMF-03212] c15 N71-22721	Two axis fluxgate magnetometer Patent [NASA-CASE-MSC-10441-1] c14 N71-27325 Space simulation and radiative property testing system and method Patent [NASA-CASE-MFS-20096] c14 N71-30026 Thermal control system for a spacecraft modular housing [NASA-CASE-MSC-11018-1] c31 N73-30829 FEDERAL-HOGUL COBP., LOS ALAMITOS, CALIF. Hydraulic casting of liquid polymers Patent [NASA-CASE-XNP-07659] c06 N71-22975 FSC CORP., NEE YORK. Decomposition unit Patent [NASA-CASE-MS-00583] c28 N70-38504 FORD HOTOR CO., DEARBORN, HICH. Omnidirectional acceleration device Patent [NASA-CASE-HQN-10780] c15 N69-21924 FORD HOTOR CO., LOS ANGELES, CALIF. Relief valve [NASA-CASE-XMS-05894-1] c15 N69-21924 FORTable environmental control system Patent [NASA-CASE-XMS-03632-1-] c05 N71-11203
DELAHARE UNIV., NBHARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Metal shearing energy absorber [NASA-CASE-HQN-10638-1] c15 N73-30460  DORNE AND HARGOLIN, INC., BOHEHIA, B.Y.  Nose come mounted heat resistant antenna Patent [NASA-CASE-XMS-04312] c07 N71-22984  DOUGLAS AIRCRAFT CO., INC., SANTA HONICA, CALIF.  Recoverable single stage spacecraft booster Patent [NASA-CASE-XNF-01973] c31 N70-41588  Switching circuit employing regeneratively connected complementary transistors Patent [NASA-CASE-XNP-02654] c10 N70-42032  Split nut separation system Patent [NASA-CASE-XNP-06914] c15 N71-21489  Artificial gravity spin deployment system Patent [NASA-CASE-XNP-02595] c31 N71-21881  Portable superclean air column device Patent [NASA-CASE-XNF-03212] c15 N71-22721  Energy absorption device Patent [NASA-CASE-XNF-03148] c15 N71-28959  Collapsible pistons	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325  Space simulation and radiative property testing system and method Patent [NASA-CASE-MFS-20096] c14 N71-30026  Thermal control system for a spacecraft modular housing [NASA-CASE-GSC-11018-1] c31 N73-30829  FEDERAL-HOGUL CORP., LOS ALAMITOS, CALIF. Hydraulic casting of liquid polymers Patent [NASA-CASE-XNP-07659] c06 N71-22975  FHC CORP., NEB YORK. Decomposition unit Patent [NASA-CASE-IMS-0583] c28 N70-38504  FORD HOTOR CO., DEARBORN, HICH. Omnidirectional acceleration device Patent [NASA-CASE-HQN-10780] c14 N71-30265  GARRETT CORP., LOS ANGELES, CALIF. Relief valve [NASA-CASE-XMS-05894-1] c15 N69-21924  Portable environmental control system Patent [NASA-CASE-XMS-05632-1-] c05 N71-11203  Dual latching solenoid valve Patent [NASA-CASE-XMS-05890] c09 N71-23191
DELABARE UNIV., NEMARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Hetal shearing energy absorber [NASA-CASE-HQN-10638-1] c15 N73-30460  DORNE AND HARGOLIN, INC., BOHEHIA, B.Y.  Nose come mounted heat resistant antenna Patent [NASA-CASE-XMS-04312] c07 N71-22984  DOUGLAS AIRCHAFT CO., INC., SANTA HONICA, CALIF. Recoverable single stage spacecraft booster Patent [NASA-CASE-XNF-01973] c31 N70-41588  Switching circuit employing regeneratively connected complementary transistors Patent [NASA-CASE-XNP-02654] c10 N70-42032  Split nut separation system Patent [NASA-CASE-XNP-06914] c15 N71-21489 Artificial gravity spin deployment system Patent [NASA-CASE-XNP-02595] c31 N71-21881 Portable superclean air column device Patent [NASA-CASE-XMF-03212] c15 N71-22721 Energy absorption device Patent [NASA-CASE-XMF-03142] c15 N71-22959  Collapsible pistons [NASA-CASE-NSC-13789-1] c11 N73-32152	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325 Space simulation and radiative property testing system and method Patent [NASA-CASE-MFS-20096] c14 N71-30026 Thermal control system for a spacecraft modular housing [NASA-CASE-MFS-201018-1] c31 N73-30829 FEDERAL-HOGUL CORP., LOS ALAMITOS, CALIF. Hydraulic casting of liquid polymers Patent [NASA-CASE-XNP-07659] c06 N71-22975 FHC CORP., NEW TORK. Decomposition unit Patent [NASA-CASE-MS-00583] c28 N70-38504 FORD HOTOR CO., DEARBORN, MICH. Omnidirectional acceleration device Patent [NASA-CASE-HQN-10780] c14 N71-30265  GARRETT CORP., LOS ANGBLES, CALIP. Relief valve [NASA-CASE-XNS-05894-1] c15 N69-21924 Portable environmental control system Patent [NASA-CASE-XNS-09632-1-] c09 N71-23191 Water management system and an electrolytic cell
DELABARE UNIV., NBHARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Metal shearing energy absorber [NASA-CASE-HQN-10638-1] c15 N73-30460  DORNE AND HARGOLIN, INC., BOHEHIA, B.Y.  Nose cone mounted heat resistant antenna Patent [NASA-CASE-XMS-04312] c07 N71-22984  DOUGLAS AIBCRAFT CO., INC., SANTA HONICA, CALIF.  Recoverable single stage spacecraft booster Patent [NASA-CASE-XNF-01973] c31 N70-41588  Switching circuit employing regeneratively connected complementary transistors Patent [NASA-CASE-XNP-02654] c10 N70-42032  Split nut separation system Patent [NASA-CASE-XNP-06914] c15 N71-21489 Artificial gravity spin deployment system Patent [NASA-CASE-XNP-02595] c31 N71-21881 Portable superclean air column device Patent [NASA-CASE-XNF-03212] c15 N71-22721 Energy absorption device Patent [NASA-CASE-XNP-01848] c15 N71-22721 Energy absorption device Patent [NASA-CASE-XNP-01848] c15 N71-28959 Collapsible pistons [NASA-CASE-XNP-01848] c15 N71-28959 Collapsible pistons [NASA-CASE-XNP-01848] c15 N71-28959 COLAPSIBLE UNIVA., DURHAH, W.C.	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325 Space simulation and radiative property testing system and method Patent [NASA-CASE-MFS-20096] c14 N71-30026 Thermal control system for a spacecraft modular housing [NASA-CASE-MFS-20096]] c31 N73-30829 FEDERAL-HOGGL CORP., LOS ALAMITOS, CALIF. Hydraulic casting of liquid polymers Patent [NASA-CASE-XNP-07659] c06 N71-22975 FHC CORP., NEE YORK. Decomposition unit Patent [NASA-CASE-XNS-00583] c28 N70-38504 FORD HOTOR CO., DRARBORN, HICH. Omnidirectional acceleration device Patent [NASA-CASE-HQN-10780] c15 N69-21924 FORT STATE CORP., LOS ANGELES, CALIF. Relief valve [NASA-CASE-XNS-05894-1] c15 N69-21924 POTTable environmental control system Patent [NASA-CASE-XNS-05894-1] c05 N71-11203 Dual latching solenoid valve Patent [NASA-CASE-XNS-05890] c09 N71-23191 Hater management system and an electrolytic cell
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DELABARE UNIV., NBHARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Metal shearing energy absorber [NASA-CASE-BQN-10638-1] c15 N73-30460  DORNE AND HARGOLIN, INC., BOHEHIA, B.Y.  Nose come mounted heat resistant antenna Patent [NASA-CASE-XMS-04312] c07 N71-22984  DOUGLAS AIRCRAFT CO., INC., SANTA HONICA, CALIF.  Recoverable single stage spacecraft booster Patent [NASA-CASE-XNF-01973] c31 N70-41588  Switching circuit employing regeneratively connected complementary transistors Patent [NASA-CASE-XNP-02654] c10 N70-42032  Split nut separation system Patent [NASA-CASE-XNP-06914] c15 N71-21489  Artificial gravity spin deployment system Patent [NASA-CASE-XNP-02595] c31 N71-21881  Portable superclean air column device Patent [NASA-CASE-XNF-03212] c15 N71-22721  Energy absorption device Patent [NASA-CASE-XNF-0312] c15 N71-28959  Collapsible pistons [NASA-CASE-NSC-13789-1] c11 N73-32152  DUKE UNIV., DURHAH, W.C.  Regulated dc-to-dc converter for voltage step-up or step-down with input-output isolation	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325  Space simulation and radiative property testing system and method Patent [NASA-CASE-MFS-20096] c14 N71-30026  Thermal control system for a spacecraft modular housing [NASA-CASE-GSC-11018-1] c31 N73-30829  FEDERAL-HOGUL COBP., LOS ALANITOS, CALIF. Hydraulic casting of liquid polymers Patent [NASA-CASE-XNP-07659] c06 N71-22975  FHC COBP., NEB YORK. Decomposition unit Patent [NASA-CASE-IMS-0583] c28 N70-38504  FORD HOTOR CO., DEARBORN, HICH. Omnidirectional acceleration device Patent [NASA-CASE-HON-10780] c14 N71-30265  GARRETT CORP., LOS ANGBLES, CALIF. Relief valve [NASA-CASE-XMS-05894-1] c05 N71-11203 Dual latching solenoid valve Patent [NASA-CASE-XMS-05890] c09 N71-23191 Hater management system and an electrolytic cell therefor Patent [NASA-CASE-MSC-10960-1] c03 N71-24718 Low cycle fatigue testing machine
DELAHARE UNIV., NBHARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Metal shearing energy absorber [NASA-CASE-HQN-10638-1] c15 N73-30460  DORNB AND HARGOLIN, INC., BOHEHIA, B.Y.  Nose come mounted heat resistant antenna Patent [NASA-CASE-XMS-04312] c07 N71-22984  DOUGLAS AIRCHAFT CO., INC., SANTA HONICA, CALIF. Recoverable single stage spacecraft booster Patent [NASA-CASE-XNF-01973] c31 N70-41588  Switching Circuit employing regeneratively connected complementary transistors Patent [NASA-CASE-XNP-02654] c10 N70-42032  Split nut separation system Patent [NASA-CASE-XNP-06914] c75 N71-21489  Artificial gravity spin deployment system Patent [NASA-CASE-XNP-06914] c75 N71-21881  Portable superclean air column device Patent [NASA-CASE-XNF-03212] c15 N71-22721  Energy absorption device Patent [NASA-CASE-XNF-03212] c15 N71-22721  Energy absorption device Patent [NASA-CASE-XNF-031848] c15 N71-2859  Collapsible pistons [NASA-CASE-XNC-13789-1] c11 N73-32152  DUKE UNIV., DURHAH, N.C.  Regulated dc-to-dc converter for voltage step-up	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325 Space simulation and radiative property testing system and method Patent [NASA-CASE-MFS-20096] c14 N71-30026 Thermal control system for a spacecraft modular housing [NASA-CASE-GSC-11018-1] c31 N73-30829 FEDERAL-HOGGL CORP., LOS ALAMITOS, CALIF. Hydraulic casting of liquid polymers Patent [NASA-CASE-XNP-07659] c06 N71-22975 FSC CORP., NEE YORK. Decomposition unit Patent [NASA-CASE-MS-00583] c28 N70-38504 FORD HOTOR CO., DEARBORN, HICH. Omnidirectional acceleration device Patent [NASA-CASE-HQN-10780] c15 N69-21924 Portable environmental control system Patent [NASA-CASE-XMS-05894-1] c05 N71-11203 Dual latching solenoid valve Patent [NASA-CASE-XMS-05890] c09 N71-23191 Water management system and an electrolytic cell therefor Patent [NASA-CASE-MSC-10960-1] c03 N71-24718 LOW Cycle fatigue testing machine [NASA-CASE-LAR-10270-1] c32 N72-25877
DELABARE UNIV., NBHARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Metal shearing energy absorber [NASA-CASE-HQN-10638-1] c15 N73-30460  DORNE AND HARGOLIN, INC., BOHEHIA, B.Y. Nose come mounted heat resistant antenna Patent [NASA-CASE-MS-04312] c07 N71-22984  DOUGLAS AIBCRAFT CO., INC., SANTA HONICA, CALIF. Recoverable single stage spacecraft booster Patent [NASA-CASE-XNF-01973] c31 N70-41588  Switching circuit employing regeneratively connected complementary transistors Patent [NASA-CASE-XNP-02654] c10 N70-42032  Split nut separation system Patent [NASA-CASE-XNP-06914] c15 N71-21489  Artificial gravity spin deployment system Patent [NASA-CASE-XNP-03212] c31 N71-21881  Portable superclean air column device Patent [NASA-CASE-XNP-03212] c15 N71-22721  Energy absorption device Patent [NASA-CASE-XNP-01848] c15 N71-22721  Energy absorption device Patent [NASA-CASE-NSC-13789-1] c11 N73-32152  DORE UNIV., DORHAH, N.C. Regulated dc-to-dc converter for voltage step-up or step-down with input-output isolation [NASA-CASE-HON-10792-1] c09 N74-11049	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325 Space simulation and radiative property testing system and method Patent [NASA-CASE-MFS-20096] c14 N71-30026 Thermal control system for a spacecraft modular housing [NASA-CASE-MFS-20096]] c31 N73-30829 FEDERAL-HOGUL CORP., LOS ALAMITOS, CALIF. Hydraulic casting of liquid polymers Patent [NASA-CASE-XNP-07659] c06 N71-22975 FHC CORP., NEE YORK. Decomposition unit Patent [NASA-CASE-IMS-00583] c28 N70-38504 FORD HOTOR CO., DEARBORN, HICH. Omnidirectional acceleration device Patent [NASA-CASE-HQN-10780] c14 N71-30265  GARRETT CORP., LOS ANGELES, CALIF. Relief valve [NASA-CASE-XMS-05894-1] c15 N69-21924 Portable environmental control system Patent [NASA-CASE-XMS-05894-1] c05 N71-11203 Dual latching solenoid valve Patent [NASA-CASE-XMS-05890] c09 N71-23191 Water management system and an electrolytic cell therefor Patent [NASA-CASE-MSC-10960-1] c03 N71-24718 Low cycle fatigue testing machine [NASA-CASE-LAR-10270-1] Process for separation of dissolved hydrogen
DELABARE UNIV., NBHARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Hetal shearing energy absorber [NASA-CASE-HQN-10638-1] c15 N73-30460  DORNE AND HARGOLIN, INC., BOHEHIA, B.Y.  Nose come mounted heat resistant antenna Patent [NASA-CASE-XMS-04312] c07 N71-22984  DOUGLAS AIRCRAFT CO., INC., SANTA HONICA, CALIF.  Recoverable single stage spacecraft booster Patent [NASA-CASE-XNF-01973] c31 N70-41588  Switching circuit employing regeneratively connected complementary transistors Patent [NASA-CASE-XNP-02654] c10 N70-42032  Split nut separation system Patent [NASA-CASE-XNP-06914] c15 N71-21489  Artificial gravity spin deployment system Patent [NASA-CASE-XNP-02595] c31 N71-21881  Portable superclean air column device Patent [NASA-CASE-XMF-03212] c15 N71-22721  Energy absorption device Patent [NASA-CASE-XMF-01848] c15 N71-22721  Energy absorption device Patent [NASA-CASE-NSC-13789-1] c11 N73-32152  DORE UNIV., DURHAH, N.C.  Regulated dc-to-dc converter for voltage step-up or step-down with input-output isolation [NASA-CASE-HQN-10792-1] c09 N74-11049	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325 Space simulation and radiative property testing system and method Patent [NASA-CASE-MFS-20096] c14 N71-30026 Thermal control system for a spacecraft modular housing [NASA-CASE-MFS-20096] c31 N73-30829 FEDERAL-HOGUL COBP., LOS ALAMITOS, CALIF. Hydraulic casting of liquid polymers Patent [NASA-CASE-XNP-07659] c06 N71-22975 FHC CORP., NEB YORK. Decomposition unit Patent [NASA-CASE-XNS-0583] c28 N70-38504 FORD HOTOR CO., DEARBORN, HICH. Omnidirectional acceleration device Patent [NASA-CASE-HQN-10780] c15 N69-21924 Portable environmental control system Patent [NASA-CASE-XNS-05894-1] c05 N71-11203 Dual latching solenoid valve Patent [NASA-CASE-XNS-05890] c09 N71-23191 Hater management system and an electrolytic cell therefor Patent [NASA-CASE-NSC-10960-1] c03 N71-24718 Lob cycle fatigue testing machine [NASA-CASE-LAR-10270-1] c32 M72-25877 Process for separation of dissolved hydrogen from Bater by use of palladium and process for
DELABARE UNIV., NBHARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Metal shearing energy absorber [NASA-CASE-BQN-10638-1] c15 N73-30460  DORNE AND HARGOLIN, INC., BOHEHIA, B.Y.  Nose cone mounted heat resistant antenna Patent [NASA-CASE-XMS-04312] c07 N71-22984  DOUGLAS AIBCRAFT CO., INC., SANTA HONICA, CALIF.  Recoverable single stage spacecraft booster Patent [NASA-CASE-XNF-01973] c31 N70-41588  Switching circuit employing regeneratively connected complementary transistors Patent [NASA-CASE-XNF-02654] c10 N70-42032  Split nut separation system Patent [NASA-CASE-XNP-026914] c15 N71-21489 Artificial gravity spin deployment system Patent [NASA-CASE-XNP-02595] c31 N71-21881 Portable superclean air column device Patent [NASA-CASE-XNF-03212] c15 N71-22721 Energy absorption device Patent [NASA-CASE-XNF-01848] c15 N71-22721 Energy absorption device Patent [NASA-CASE-NSC-13789-1] c11 N73-32152  DOKE UNIV., DURHAH, W.C.  Regulated dc-to-dc converter for voltage step-up or step-down with input-output isolation [NASA-CASE-HON-10792-1] c09 N74-11049  E  EITEL-HCCULLOUGH, INC., SAN CARLOS, CALIP.	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325 Space simulation and radiative property testing system and method Patent [NASA-CASE-MFS-20096] c14 N71-30026 Thermal control system for a spacecraft modular housing [NASA-CASE-MFS-20096]] c31 N73-30829 FEDERAL-HOGUL CORP., LOS ALAMITOS, CALIF. Hydraulic casting of liquid polymers Patent [NASA-CASE-XNP-07659] c06 N71-22975 FHC CORP., NEH TORK. Decomposition unit Patent [NASA-CASE-MS-00583] c28 N70-38504 FORD HOTOR CO., DEARBORN, HICH. Omnidirectional acceleration device Patent [NASA-CASE-HON-10780] c14 N71-30265  GARRETT CORP., LOS ANGELES, CALIF. Relief valve [NASA-CASE-XMS-05894-1] c15 N69-21924 Portable environmental control system Patent [NASA-CASE-XMS-09632-1-] c05 N71-11203 Dual latching solenoid valve Patent [NASA-CASE-XMS-05990] c09 N71-23191 Water management system and an electrolytic cell therefor Patent [NASA-CASE-MSC-10960-1] c03 N71-24718 Low cycle fatigue testing machine [NASA-CASE-LAR-10270-1] c32 N72-25877 Process for separation of dissolved hydrogen from water by use of palladium and process for coating palladium with palladium black
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DELAHARE UNIV., NBHARK.  High field Cds detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Metal shearing energy absorber [NASA-CASE-HQN-10638-1] c15 N73-30460  DORNE AND HARGOLIN, INC., BOHEHIA, B.Y.  Nose come mounted heat resistant antenna Patent [NASA-CASE-XMS-04312] c07 N71-22984  DOUGLAS AIRCHAFT CO., INC., SANTA HONICA, CALIF.  Recoverable single stage spacecraft booster Patent [NASA-CASE-XNF-01973] c31 N70-41588  Switching circuit employing regeneratively connected complementary transistors Patent [NASA-CASE-XNP-02654] c10 N70-42032  Split nut separation system Patent [NASA-CASE-XNP-06914] c15 N71-21489  Artificial gravity spin deployment system Patent [NASA-CASE-XNP-0595] c31 N71-21881  Portable superclean air column device Patent [NASA-CASE-XNF-03212] c15 N71-22721  Energy absorption device Patent [NASA-CASE-XNF-0312] c15 N71-22721  Energy absorption device Patent [NASA-CASE-NNF-031848] c15 N71-28959  Collapsible pistons [NASA-CASE-NNC-13789-1] c11 N73-32152  DOKE UNIV., DURHAH, N.C.  Regulated dc-to-dc converter for voltage step-up or step-down with input-output isolation [NASA-CASE-HON-10792-1] c09 N74-11049  E  BITEL-HCCULLOUGH, INC., SAN CARLOS, CALIP.  Method of forming ceramic to uetal seal Patent [NASA-CASE-XNP-01263-2] c15 N71-26312	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325 Space simulation and radiative property testing system and method Patent [NASA-CASE-MFS-20096] c14 N71-30026 Thermal control system for a spacecraft modular housing [NASA-CASE-MFS-20096]] c31 N73-30829 FEDERAL-HOGUL CORP., LOS ALAMITOS, CALIF. Hydraulic casting of liquid polymers Patent [NASA-CASE-XNP-07659] c06 N71-22975 FHC CORP., NEH TORK. Decomposition unit Patent [NASA-CASE-MS-00583] c28 N70-38504 FORD HOTOR CO., DEARBORN, HICH. Omnidirectional acceleration device Patent [NASA-CASE-HQN-10780] c14 N71-30265  GARRETT CORP., LOS ANGBLES, CALIF. Relief valve [NASA-CASE-XMS-05894-1] c15 N69-21924 Portable environmental control system Patent [NASA-CASE-XMS-09632-1-] c05 N71-11203 Dual latching solenoid valve Patent [NASA-CASE-XMS-05990] c09 N71-23191 Water management system and an electrolytic cell therefor Patent [NASA-CASE-MSC-10960-1] c03 N71-24718 Low cycle fatigue testing machine [NASA-CASE-LAR-10270-1] c32 N72-25877 Process for separation of dissolved hydrogen from water by use of palladium and process for coating palladium with palladium black [NASA-CASE-MSC-13335-1] c06 N72-31140 GCA CORP., BEDFORD, HASS. Analytical photoionization mass spectrometer
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DELABARE UNIV., NEMARK.  High field CdS detector for infrared radiation [NASA-CASE-LAR-11027-1] c14 N74-18088  DENVER UNIV., COLO.  Metal shearing energy absorber [NASA-CASE-HQN-10638-1] c15 N73-30460  DORNB AND HARGOLIN, INC., BOHEHIA, B.Y.  Nose come mounted heat resistant antenna Patent [NASA-CASE-XMS-04312] c07 N71-22984  DOUGLAS AIRCHAPT CO., INC., SANTA HONICA, CALIF.  Recoverable single stage spacecraft booster Patent [NASA-CASE-XMF-01973] c31 N70-41588  Switching circuit employing regeneratively connected complementary transistors Patent [NASA-CASE-XNP-02654] c10 N70-42032  Split nut separation system Patent [NASA-CASE-XNP-06914] c15 N71-21489  Artificial gravity spin deployment system Patent [NASA-CASE-XNP-0595] c31 N71-21881 Portable superclean air column device Patent [NASA-CASE-XNF-03212] c15 N71-22721  Energy absorption device Patent [NASA-CASE-XNP-01848] c15 N71-28959  Collapsible pistons [NASA-CASE-XNP-01848] c15 N71-28959  Collapsible pistons [NASA-CASE-NSC-13789-1] c11 N73-32152  DURE UNIV., DURHAH, N.C.  Regulated dc-to-dc converter for voltage step-up or step-down with input-output isolation [NASA-CASE-HQN-10792-1] c09 N74-11049  E  EITEL-HCCULLOUGH, INC., SAN CARLOS, CALIF.  Method of forming ceramic to metal seal Patent [NASA-CASE-XNP-01263-2] c15 N71-26312  ELECTBAC, INC., ANAHEHI, CALIF.  Optimum predetection diversity receiving system	Two axis fluxgate magnetometer Patent [NASA-CASE-GSC-10441-1] c14 N71-27325 Space simulation and radiative property testing system and method Patent [NASA-CASE-NFS-20096] c14 N71-30026 Thermal control system for a spacecraft modular housing [NASA-CASE-GSC-11018-1] c31 N73-30829 FEDERAL-HOGUL CORP., LOS ALANITOS, CALIF. Hydraulic casting of liquid polymers Patent [NASA-CASE-XNP-07659] c06 N71-22975 FHC CORP., NEW YORK. Decomposition unit Patent [NASA-CASE-INS-00583] c28 N70-38504 FORD HOTOR CO., DHARBORN, HICH. Omnidirectional acceleration device Patent [NASA-CASE-HON-10780] c15 N69-21924 Portable environmental control system Patent [NASA-CASE-XMS-05894-1] c05 N71-1203 Dual latching solenoid valve Patent [NASA-CASE-XMS-05890] c09 N71-23191 Hater management system and an electrolytic cell therefor Patent [NASA-CASE-MSC-10960-1] c03 N71-24718 LOW cycle fatigue testing machine [NASA-CASE-MSC-10960-1] c32 N72-25877 Process for separation of dissolved hydrogen from water by use of palladium and process for coating palladium with palladium black [NASA-CASE-MSC-13335-1] c06 N72-31140 GCA CORP., BEDFORD, HASS. Analytical photoionization mass spectrometer with an argon gas filter between the light source and monochrometer Patent

[NASA-CASE-XNP-03930] c14 N69-24331	[NASA-CASE-GSC-11531-1]
Method and apparatus for attaching physiciogical	Bacteria detection instrument and method [NASA-CASE-GSC-11533-1] c14 N73-13435
monitoring electrodes Patent (Nasa-case-yer-07658-11 c05 N71-26293	GLOBE-UNION, INC., HILDAURRE, WIS.
[NASA-CASE-XFR-07658-1] c05 N71-26293 Driving lamps by induction	Method of coating solar cell with borosilicate
[NASA_CASR_MPS-21214-1] CUP N73-30101	glass and resultant product
CRURRAL DINANICS/ASTRONAUTICS, SAN DIEGO, CALIP.	[NASA-CASE-GSC-11514-1] c03 N72-24037
Determination of spot weld quality Patent	GOODYBAR ARROSPACE CORP., ARROW, OHIO. Foldable solar concentrator Patent
[NASA-CASE-XNP-02588] c15 N71-18613	[NASA-CASE-XLA-04622] CO3 N70-41580
Pressure transducer calibrator Patent [NASA-CASE-XNP-01660] c14 N71-23036	Method of making a filament-wound container Patent
Plating nickel on aluminum castings Patent	[NASA-CASE-XLE-03803-2] c15 N71-17651
rnasa-case-xnp-04148] c1/ n/1-24830	Filament wound container Patent [NASA-CASE-XLE-03803] c15 N71-23816
GENERAL DYNAMICS/CONVAIR, SAN DIEGO, CALIF.	[NASA-CASE-XLE-03803] c15 N/1-23816 Panelized high performance multilayer insulation
Signal generator  (Nash-CASR-YNP-05612) C09 N69-21468	Patent
[NASA-CASE-XNP-05612] C09 N69-21468 Separation nut Patent	[NASA-CASE-MFS-14023] c33 N71-25351
[NASA-CASE-XGS-01971] c15 N71-15922	Thermally activated foaming compositions Patent
Zero gravity separator Patent	[NASA-CASE-LAR-10373-1] C18 N71-26155
r NASA=CASR-YLE=005861 C3D N/1-10908	Compression test assembly [NASA-CASE-LAR-10440-1] c14 N73-32323
Catalyst cartridge for carbon dioxide reduction	GRACE (W. R.) AND CO., CLARKSVILLE, MD.
unit [NASA-CASE-LAR-10551-1] c06 N74-12813	Metal containing polymers from cyclic tetrameric
GENERAL RURCTRIC CO. PHILADELPHIA, PA.	phenylphosphonitrilamides Patent
Catalyst for growth of boron carbide single	[NASA-CASE-HQN-10364]
crystal whiskers	GRUMMAN AIRCRAFT ENGINEERING CORP., BETHPAGE, H.Y. Sealed cabinetry Patent
[NASA-CASE-XHQ-03903] c15 N69-21922	[NASA-CASE-MSC-12168-1] c09 N71-18600
Didymium hydrate additive to mickel hydroxide electrodes Patent	Out of tolerance warning alarm system for
[NASA-CASE-XGS-03505]	plurality of monitored circuits Patent
Bismuth-lead coatings for gas bearings used in	[NASA-CASE-XMS-10984-1] c10 N71-19417
atmospheric environments and vacuum chambers	GULF GENERAL ATOMIC, SAN DIEGO, CALIFA
Patent [NASA-CASE-XGS-02011]	Tungsten seal coat Patent [NASA-CASE-XNP-03704] c15 N71-17695
[NASA-CASE-XGS-02011] C15 N71-20739 Multiparameter vision tester apparatus	Waveform simulator Patent
[NASA-CASE-MSC-13601-1] C05 N72-11088	[NASA-CASE-NPO-10251] c10 N71-27365
Automatic control of liquid cooling garment by	GULTON INDUSTRIES, INC., ALBUQUERQUE, H.KEY.
cutaneous and external auditory meatus	Analog-to-digital converter [NASA-CASE-MSC-13110-1] c08 N72-22163
temperatures [NASA-CASE-MSC-13917-1] c05 N72-15098	[NASA-CASE-MSC-13110-1] C08 N72-22163
[NASA-CASE-MSC-13917-1] C05 N72-15098 Method for measuring cutaneous sensory perception	Н
[NASA-CASE-MSC-13609-1] CO5 N72-25122	
Conducting flow electrophoresis in the	HAMILTON STANDARD, WINDSON LOCKS, CONB.
substantial absence of gravity	Venting device for pressurized space suit helmet
	Detent
[NASA-CASE-MFS-21394-1] c12 N72-27310	Patent ( NASA-CASE-XMS-09652-11
Electrophoretic sample insertion	[ NASA-CASE-XMS-09652-1 ] COS N71-26333
[	[NASA-CASE-XMS-09652-1] c05 N71-26333 Condensate removal device for heat exchange [NASA-CASE-MSC-14143-1] c33 N73-32823
Electrophoretic sample insertion [NASA-CASE-MFS-21395-1] c14 N72-27425 Reaction tester [NASA-CASE-MSC-13604-1] c05 N73-13114	[NASA-CASE-XMS-09652-1] CO5 N71-26333 Condensate removal device for heat exchange [NASA-CASE-MSC-14143-1] C33 N73-32823 HAYES INTERNATIONAL CORP., BIRMINGHAM, ALA.
Electrophoretic sample insertion [NASA-CASE-MFS-21395-1] c14 N72-27425 Reaction tester [NASA-CASE-HSC-13604-1] c05 N73-13114 Air conditioned suit	[NASA-CASE-XMS-09652-1] C05 N71-26333 Condensate removal device for heat exchange [NASA-CASE-MSC-14143-1] C33 N73-32823 HAYES INTERNATIONAL CORP., BIRMINGHAM, ALA- Space craft soft landing system Patent
Electrophoretic sample insertion [NASA-CASE-MFS-21395-1] c14 N72-27425 Reaction tester [NASA-CASE-MSC-13604-1] c05 N73-13114 Air conditioned suit [NASA-CASE-LAR-10076-1] c05 N73-20137	[NASA-CASE-XMS-09652-1] C05 N71-26333 Condensate removal device for heat exchange [NASA-CASE-MSC-14143-1] C33 N73-32823 HAYES INTERNATIONAL CORP., BIRMINGHAM, ALA. Space craft soft landing system Patent [NASA-CASE-XMF-02108] C31 N70-36845
Electrophoretic sample insertion [NASA-CASE-MFS-21395-1] c14 N72-27425 Reaction tester [NASA-CASE-MSC-13604-1] c05 N73-13114 Air conditioned suit [NASA-CASE-LAR-10076-1] c05 N73-20137 Compton scatter attenuation gamma ray spectrometer	[NASA-CASE-XMS-09652-1] C05 N71-26333 Condensate removal device for heat exchange [NASA-CASE-MSC-14143-1] C33 N73-32823 HAYES INTERNATIONAL CORP., BIRMINGHAM, ALA- Space craft soft landing system Patent [NASA-CASE-XMF-02108] C31 N70-36845 Device for preventing high voltage arcing in electron beam welding Patent
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Electrophoretic sample insertion [NASA-CASE-MFS-21395-1] c14 N72-27425 Reaction tester [NASA-CASE-MSC-13604-1] c05 N73-13114 Air conditioned suit [NASA-CASE-MSC-136076-1] c05 N73-20137 Compton scatter attenuation gamma ray spectrometer [NASA-CASE-MFS-21441-1] c14 N73-30392 Inverter ratio failure detector [NASA-CASE-NPO-13160-1] c14 N74-18090 GENERAL ELECTRIC CO., PLEASANTON, CALIF. Method of making a cermet Patent [NASA-CASE-LEW-10219-1] c18 N71-28729 GENERAL ELECTRIC CO., SCHENECTADY, N.Y. Superconductive accelerometer Patent [NASA-CASE-MF-01099] c14 N71-15969 GENERAL HOTORS COEP., DETROIT, HICH. Hermetic sealed vibration damper Patent	[NASA-CASE-XMS-09652-1] c05 N71-26333 Condensate removal device for heat exchange [NASA-CASE-MSC-14143-1] c33 N73-32823 HAYES INTERNATIONAL CORP., BIRMINGHAM, ALA. Space craft soft landing system Patent [NASA-CASE-XMF-02108] c31 N70-36845 Device for preventing high voltage arcing in electron beam welding Patent [NASA-CASE-XMF-08522] c15 N71-19486 HAYES INTERNATIONAL CORP., HUNTSVILLE, ALA. Method and apparatus for cryogenic wire stripping Patent [NASA-CASE-MFS-10340] c15 N71-17628 Self-balancing strain gage transducer Patent [NASA-CASE-MFS-12827] c14 N71-17656 Automatic closed circuit television arc guidance control Patent [NASA-CASE-MFS-13046] c07 N71-19433 BAZLETON LABS., FALLS CHURCH, VA. Use of the enzyme hexokinase for the reduction
Electrophoretic sample insertion [NASA-CASE-MFS-21395-1] c14 N72-27425 Reaction tester [NASA-CASE-MSC-13604-1] c05 N73-13114 Air conditioned suit [NASA-CASE-LAR-10076-1] c05 N73-20137 Compton scatter attenuation gamma ray spectrometer [NASA-CASE-MFS-21441-1] c14 N73-30392 Inverter ratio failure detector [NASA-CASE-MFO-13160-1] c14 N74-18090 GENERAL ELECTRIC CO., PLEASANTON, CALIF. Wethod of making a cermet Patent [NASA-CASE-LEW-10219-1] c18 N71-28729 GENERAL ELECTRIC CO., SCHENECTADY, N.Y. Superconductive accelerometer Patent [NASA-CASE-XMF-01099] c14 N71-15969 GENERAL HOTORS CORP., DETROIT, MICH. Hermetic sealed vibration damper Patent [NASA-CASE-MSC-10959] c15 N71-26243 GENERAL HOTORS CORP., MILWAUKEE, WIS. Adjustable tension wire guide Patent	[NASA-CASE-XMS-09652-1] C05 N71-26333 Condensate removal device for heat exchange [NASA-CASE-MSC-14143-1] C33 N73-32823 HAYES INTERNATIONAL CORP., BIRMINGHAM, ALA.  Space craft soft landing system Patent [NASA-CASE-XMF-02108] C31 N70-36845 Device for preventing high voltage arcing in electron beam welding Patent [NASA-CASE-XMF-08522] C15 N71-19486 HAYES INTERNATIONAL CORP., HUNTSVILLE, ALA. Method and apparatus for cryogenic wire stripping Patent [NASA-CASE-MFS-10340] C15 N71-17628 Self-balancing strain gage transducer Patent [NASA-CASE-MFS-12827] C14 N71-17656 Antomatic closed circuit television arc guidance control Patent [NASA-CASE-MFS-13046] C07 N71-19433 HAZLETON LABS., FALLS CHURCH, VA. Use of the enzyme hexokinase for the reduction of inherent light levels
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Electrophoretic sample insertion [NASA-CASE-MFS-21395-1] c14 N72-27425 Reaction tester [NASA-CASE-MSC-13604-1] c05 N73-13114 Air conditioned suit [NASA-CASE-LAR-10076-1] c05 N73-20137 Compton scatter attenuation gamma ray spectrometer [NASA-CASE-MFS-21441-1] c14 N73-30392 Inverter ratio failure detector [NASA-CASE-NPO-13160-1] c14 N74-18090 GENERAL ELECTRIC CO., PLEASANTON, CALIF. Method of making a cermet Patent [NASA-CASE-LEW-10219-1] c18 N71-28729 GENERAL ELECTRIC CO., SCHENECTADY, N.Y. Superconductive accelerometer Patent [NASA-CASE-IMF-01099] c14 N71-15969 GENERAL HOTORS CORP., DETROIT, MICH. Hermetic sealed vibration damper Patent [NASA-CASE-SC-10959] c15 N71-26243 GENERAL HOTORS CORP., HILWAUKER, WIS. Adjustable tension wire guide Patent [NASA-CASE-XNS-02383] c15 N71-15918 GENERAL HOTORS CORP., SANTA BARBARA, CALIF.	[NASA-CASE-XMS-09652-1] C05 N71-26333 Condensate removal device for heat exchange [NASA-CASE-MSC-14143-1] C33 N73-32823 HAYES INTERNATIONAL CORP., BIRMINGHAM, ALA. Space craft soft landing system Patent [NASA-CASE-XMF-02108] C31 N70-36845 Device for preventing high voltage arcing in electron beam welding Patent [NASA-CASE-XMF-08522] C15 N71-19486 HAYES INTERNATIONAL CORP., HUNTSVILLE, ALA. Method and apparatus for cryogenic wire stripping Patent [NASA-CASE-MFS-10340] C15 N71-17628 Self-balancing strain gage transducer Patent [NASA-CASE-MFS-12827] C14 N71-17656 Antomatic closed circuit television arc guidance control Patent [NASA-CASE-MFS-13046] C07 N71-19433 HAZLETON LABS., FALLS CHURCH, VA. Use of the enzyme hexokinase for the reduction of inherent light levels [NASA-CASE-MGS-05533] C04 N69-27487 Light detection instrument Patent
Electrophoretic sample insertion [NASA-CASE-MFS-21395-1] c14 N72-27425 Reaction tester [NASA-CASE-MSC-13604-1] c05 N73-13114 Air conditioned suit [NASA-CASE-LAR-10076-1] c05 N73-20137 Compton scatter attenuation gamma ray spectrometer [NASA-CASE-LAR-10076-1] c14 N73-30392 Inverter ratio failure detector [NASA-CASE-MFS-21441-1] c14 N73-30392 Inverter ratio failure detector [NASA-CASE-MFS-21441-1] c14 N74-18090 GENERAL ELECTRIC CO., PLEASANTON, CALIF. Wethod of making a cermet Patent [NASA-CASE-LEW-10219-1] c18 N71-28729 GENERAL ELECTRIC CO., SCHENECTADY, NY. Superconductive accelerometer Patent [NASA-CASE-MF-01099] c14 N71-15969 GENERAL HOTORS CORP., DETROIT, HICH. Hermetic sealed vibration damper Patent [NASA-CASE-MSC-10959] c15 N71-26243 GENERAL HOTORS CORP., MILWAUKEE, WIS. Adjustable tension wire guide Patent [NASA-CASE-KMS-02383] c15 N71-15918 GENERAL HOTORS CORP., SANTA BARBARA, CALIF. Resilient wheel Patent	[NASA-CASE-XMS-09652-1] C05 N71-26333 Condensate removal device for heat exchange [NASA-CASE-MSC-14143-1] C33 N73-32823  HAYES INTERNATIONAL CORP., BIRMINGHAM, ALA. Space craft soft landing system Patent [NASA-CASE-XMF-02108] C31 N70-36845  Device for preventing high voltage arcing in electron beam welding Patent [NASA-CASE-XMF-08522] C15 N71-19486  HAYES INTERNATIONAL CORP., HUNTSVILLE, ALA. Method and apparatus for cryogenic wire stripping Patent [NASA-CASE-MFS-10340] C15 N71-17628  Self-balancing strain gage transducer Patent [NASA-CASE-MFS-12827] C14 N71-17656  Antomatic closed circuit television arc guidance control Patent [NASA-CASE-MFS-13046] C07 N71-19433  HAZLETON LABS., FALLS CHURCH, VA. Use of the enzyme hexokinase for the reduction of inherent light levels [NASA-CASE-KGS-05533] C04 N69-27487  Light detection instrument Patent [NASA-CASE-KGS-05534] C23 N71-16355  Lvophilized reaction mixtures Patent
Electrophoretic sample insertion [NASA-CASE-MFS-21395-1] c14 N72-27425 Reaction tester [NASA-CASE-MSC-13604-1] c05 N73-13114 Air conditioned suit [NASA-CASE-LAR-10076-1] c05 N73-20137 Compton scatter attenuation gamma ray spectrometer [NASA-CASE-MFS-21441-1] c14 N73-30392 Inverter ratio failure detector [NASA-CASE-MFS-21441-1] c14 N74-18090 GENERAL ELECTRIC CO., PLEASANTON, CALIF. Wethod of making a cermet Patent [NASA-CASE-LEW-10219-1] c18 N71-28729 GENERAL ELECTRIC CO., SCHENECTADY, NY. Superconductive accelerometer Patent [NASA-CASE-MFS-01099] c14 N71-15969 GENERAL HOTORS CORP., DETROIT, HICH. Hermetic sealed vibration damper Patent [NASA-CASE-MSC-10959] c15 N71-26243 GENERAL HOTORS CORP., HILWIUKEE, WIS. Adjustable tension wire guide Patent [NASA-CASE-MSC-02383] c15 N71-15918 GENERAL HOTORS CORP., SANTA BARBARA, CALIF. Resilient wheel Patent	[NASA-CASE-XMS-09652-1] C05 N71-26333 Condensate removal device for heat exchange [NASA-CASE-MSC-14143-1] C33 N73-32823  HAYES INTERNATIONAL CORP., BIRMINGHAM, ALA.  Space craft soft landing system Patent [NASA-CASE-XMF-02108] C31 N70-36845  Device for preventing high voltage arcing in electron beam welding Patent [NASA-CASE-XMF-08522] C15 N71-19486  HAYES INTERNATIONAL CORP., HUNTSVILLE, ALA. Method and apparatus for cryogenic wire stripping Patent [NASA-CASE-MFS-10340] C15 N71-17628  Self-balancing strain gage transducer Patent [NASA-CASE-MFS-12827] C14 N71-17656  Antomatic closed circuit television arc guidance control Patent [NASA-CASE-MFS-13046] C07 N71-19433  HAZLETON LABS., FALLS CHURCH, VA. Use of the enzyme hexokinase for the reduction of inherent light levels [NASA-CASE-XGS-05533] C04 N69-27487  Light detection instrument Patent [NASA-CASE-XGS-05534] C23 N71-16355  Lyophilized reaction mixtures Patent [NASA-CASE-XGS-05532] C06 N71-17705
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Electrophoretic sample insertion [NASA-CASE-MFS-21395-1] Reaction tester [NASA-CASE-MSC-13604-1] Air conditioned suit [NASA-CASE-LAR-10076-1] COD N73-20137 Compton scatter attenuation gamma ray spectrometer [NASA-CASE-LAR-10076-1] COD N73-20137 Compton scatter attenuation gamma ray spectrometer [NASA-CASE-MFS-21441-1] C14 N73-30392 Inverter ratio failure detector [NASA-CASE-MFS-21441-1] ENTIRE COD NOTE: C14 N74-18090 GENERAL ELECTRIC COD, PLEASANTON, CALIFA Wethod of making a cermet Patent [NASA-CASE-LEW-10219-1] C18 N71-28729 GENERAL ELECTRIC COD, SCHENECTADY, NAVA Superconductive accelerometer Patent [NASA-CASE-XMF-01099] C14 N71-15969 GENERAL HOTORS CORPA, BITROIT, MICHA Hermetic sealed vibration damper Patent [NASA-CASE-MSC-01095] C15 N71-26243 GENERAL HOTORS CORPA, HILWAUKEE, WISA Adjustable tension wire guide Patent [NASA-CASE-MSC-02383] GENERAL HOTORS CORPA, SANTA BARBARA, CALIFA Resilient wheel Patent [NASA-CASE-MFS-13929] C15 N71-27091 GENERAL PRECISION SYSTEMS, INCA, LITTLE PALLS, MAJA Fluidic-thermochromic display device Patent [NASA-CASE-ERC-10031] C12 N71-18603 GENERAL PRECISION, INCA, LITTLE FALLS, MAJA Reversible current control apparatus Patent [NASA-CASE-XLA-09371] C10 N71-18724 GENERAL PRECISION, INCA, SUNNYALE, CALIFA Broadband video process with very high input impedance [NASA-CASE-NPO-10199] C09 N72-17156	[NASA-CASE-XMS-09652-1] C05 N71-26333 Condensate removal device for heat exchange [NASA-CASE-MSC-14143-1] C33 N73-32823  HAYES INTERNATIONAL CORP., BIRMINGHAM, ALA. Space craft soft landing system Patent [NASA-CASE-XMP-02108] C31 N70-36845 Device for preventing high voltage arcing in electron beam welding Patent [NASA-CASE-XMP-08522] C15 N71-19486  HAYES INTERNATIONAL CORP., HUNTSVILLE, ALA. Method and apparatus for cryogenic wire stripping Patent [NASA-CASE-MFS-10340] C15 N71-17628 Self-balancing strain gage transducer Patent [NASA-CASE-MFS-12827] C14 N71-17656 Antomatic closed circuit television arc guidance control Patent [NASA-CASE-MFS-13046] C07 N71-19433  HAZLETON LABS., FALLS CHURCH, VA. Use of the enzyme hexokinase for the reduction of inherent light levels [NASA-CASE-XGS-05533] C04 N69-27487 Light detection instrument Patent [NASA-CASE-XGS-05534] C23 N71-16355 Lyophilized reaction mixtures Patent [NASA-CASE-XGS-05532] c06 N71-17705 Firefly pump-metering system [NASA-CASE-XGS-05532] c15 N72-21465 HOFFMAN ELECTRONICS CORP., BL HOWTE, CALIF. Method for producing a solar cell having an integral protective covering [NASA-CASE-XGS-04531] c03 N69-24267 HOWEYWELL, INC., HOPKINS, HINN. Prequency Control network for a current feedback oscillator Patent [NASA-CASE-GSC-10041-1] c10 N71-19418
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Rlectrophoretic sample insertion [NASA-CASE-MFS-21395-1] Reaction tester [NASA-CASE-MFS-21395-1] Reaction tester [NASA-CASE-MSC-13604-1] Air conditioned suit [NASA-CASE-LAR-10076-1] COD N73-20137 Compton scatter attenuation gamma ray spectrometer [NASA-CASE-MFS-21441-1] C14 N73-30392 Inverter ratio failure detector [NASA-CASE-NFO-13160-1] C14 N74-18090 GENERAL ELECTRIC CO., PLEASANTON, CALIF.  Method of making a cermet Patent [NASA-CASE-LEW-10219-1] C18 N71-28729 GENERAL BLECTRIC CO., SCHENECTADY, N.Y. Superconductive accelerometer Patent [NASA-CASE-LEW-10219-1] GENERAL HOTORS CORP., DETROIT, HICH. Hermetic sealed vibration damper Patent [NASA-CASE-MSC-10959] C14 N71-15969 GENERAL HOTORS CORP., HILWAUKER, WIS. Adjustable tension wire guide Patent [NASA-CASE-NS-02383] C15 N71-26243 GENERAL HOTORS CORP., SANTA BARBARA, CALIF. Resilient wheel Patent [NASA-CASE-MFS-13929] GENERAL PERCISION SYSTEMS, INC., LITTLE FALLS, N.J. Pluidic-thermochromic display device Patent [NASA-CASE-REC-10031] C12 N71-18603 GENERAL PERCISION, INC., LITTLE FALLS, N.J. Reversible current control apparatus Patent [NASA-CASE-XIA-09371] C10 N71-18724 GENERAL PERCISION, INC., SUNNYVALE, CALIF. Broadband video process with very high input impedance [NASA-CASE-NFO-10199] C09 N72-17156 GEOPHYSICS CORP. OF AMERICA, BEDFORD, MASS. Inflation system for balloon type satellites Patent [NASA-CASE-XGS-03351] C31 N71-16081	[NASA-CASE-XMS-09652-1] CO5 N71-26333 CONDENSATE REMOVAL DEVICE FOR heat exchange [NASA-CASE-MSC-14143-1] C33 N73-32823  HAYES INTERNATIONAL CORP., BIRMINGHAM, ALA.  Space craft soft landing system Patent [NASA-CASE-XMP-02108] C31 N70-36845  Device for preventing high voltage arcing in electron beam welding Patent [NASA-CASE-XMP-08522] C15 N71-19486  HAYES INTERNATIONAL CORP., HUNTSVILLE, ALA.  Method and apparatus for cryogenic wire stripping Patent [NASA-CASE-MFS-10340] C15 N71-17628  Self-balancing strain gage transducer Patent [NASA-CASE-MFS-12827] C14 N71-17656  Antomatic closed circuit television arc guidance control Patent [NASA-CASE-MFS-13046] C07 N71-19433  HAZLETON LABS., FALLS CHURCH, VA.  Use of the enzyme hexokinase for the reduction of inherent light levels [NASA-CASE-XGS-05533] C04 N69-27487  Light detection instrument Patent [NASA-CASE-XGS-05534] C23 N71-16355  Lyophilized reaction mixtures Patent [NASA-CASE-XGS-05534] c06 N71-17705  Pirefly pump-metering system [NASA-CASE-XGS-05532] c06 N71-17705  Pirefly pump-metering system [NASA-CASE-XGS-05532] c06 N71-17705  HOFFMAN BLECTRONICS CORP., BL HOWTE, CALIF.  Method for producing a solar cell having an integral protective covering [NASA-CASE-IGS-04531] c03 N69-24267  HOMESWELL, INC., HOPKINS, HINN.  Prequency control network for a current feedback oscillator Patent [NASA-CASE-GSC-10041-1] c10 N71-19418  HOWEIWELL, INC., MINNERPOLIS, HINN.  Bus voltage compensation circuit for controlling direct current motor
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[NASA-CASE-XGS-05289] c09 N71-19470	[NASA-CASE-INP-02839] c28 N70-41922
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[NASA-CASE-XMS-02184] c15 N71-20813 Piezoclectric pump Patent	[NASA-CASE-XNP-09768] c09 N71-12516
[NASA-CASE-XNP-05429] c26 N71-21824	Difference circuit Patent
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[NASA-CASE-XMS-07487] c15 N71-23255	[NASA-CASE-NPO-10298] c12 N71-17661
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[NASA-CASE-XNP-05297] c15 N71-23811	Phase demodulation system with two phase locked
Pailure sensing and protection circuit for	Loops Patent
converter networks Patent	[NASA-CASE-XNP-00777] c10 N71-19469
[NASA-CASE-GSC-10114-1] c10 N71-27366	Bigh voltage transistor circuit Patent
Voice operated controller Patent [NASA-CASE-XLA-04063]	[NASA-CASE-XNP-06937] c09 N71-19516
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Radiant source tracker independent of	in a stream of ions Patent
nonconstant irradiance	[NASA-CASE-XNP-02592] c24 N71-20518
[NASA-CASE-NPO-11686] c14 N73-25462	Broadband frequency discriminator Patent
Optical instruments	[NASA-CASE-NPO-10096] c07 N71-24583
[NASA-CASE-MSC-14096-1] c14 N74-15095	Flexible, repairable, pottable material for
BOUSTON UNIV., TEX.	electrical connectors Patent
Analysis of volatile organic compounds	[NASA-CASE-XGS-05180] c18 N71-25881
[NASA-CASE-MSC-14428-1] CO6 N74-19776	Phase multiplying electronic scanning system
AUGHES AIRCRAFT CO., CANOGA PARK, CALIP.	Patent
Refractory porcelain enamel passive thermal control coating for high temperature alloys	[NASA-CASE-NPO-10302] c10 N71-26142
[NASA-CASE-MFS-22324-1] c18 N73-21471	Narrow bandwidth wideo Patent
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Varactor high level mixer	[NASA-CASE-XNP-03413] C03 N71-26726
[NASA-CASE-XGS-02171] c09 N69-24324	Method for removing oxygen impurities from
Thermally operated valve Patent	cesium Patent
[NASA-CASE-XLE-00815] c15 N70-35407	[ NASA-CASE-XNP-04262-2 ] c17 N71-26773
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[NASA-CASE-XLE-00702] c14 H70-40203	array antenna
Solid state chemical source for ammonia beam	[NASA-CASE-MPO-10301] c07 M72-11148
maser Patent	Conical reflector antenna
[MASA-CASE-XGS-01504] c16 N70-41578 Canopus detector including automotive gain	[NASA-CASE-NPO-10303] c07 N72-22127
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[NASA-CASE-INP-03914] c21 N71-10771	liquid feed lines
Horn feed having overlapping apertures Patent	[NASA-CASE-NPO-11377] c15 N73-27406 High efficiency multifrequency feed
[NASA-CASE-GSC-10452] c07 N71-12396	[NASA-CASE-GSC-113173] c09 N74-20863
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sealing means Patent [NASA-CASE-XNP-09808] c09 N71-12518	useful as lubricant fluids [NASA-CASE-MFS-22411-1] c15 N74-21058
[NASA-CASE-XNP-09808] c09 N71-12518 Guidance and maneuver analyzer Patent	[NASA-CASE-MFS-22411-1] c15 N74-21058 Hethod and apparatus for optically monitoring
[NASA-CASE-XNP-09808] c09 N71-12518 Guidance and maneuver analyzer Patent [NASA-CASE-XNP-09572] c14 N71-15621	[NASA-CASE-MPS-22411-1] c15 W74-21058  Method and apparatus for optically monitoring the angular position of a rotating mirror
[NASA-CASE-XNP-09808] c09 N71-12518 Guidance and maneuver analyzer Patent [NASA-CASE-XNP-09572] c14 N71-15621 Hethod of making screen by casting Patent	[NASA-CASE-MFS-22411-1] c15 W74-21058 Hethod and apparatus for optically monitoring the angular position of a rotating hirror [WASA-CASE-GSC-11353-1] c23 W74-21304
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[NASA-CASE-XNP-09808] c09 N71-12518 Guidance and maneuver analyzer Patent [NASA-CASE-XNP-09572] c14 N71-15621 Hethod of making screen by casting Patent [NASA-CASE-XLE-00953] c15 N71-15966 Pluid flow control walue Patent	[NASA-CASE-MPS-22411-1] c15 W74-21058 Hethod and apparatus for optically monitoring the angular position of a rotating mirror [NASA-CASE-GSC-11353-1] c23 W74-21304 HUGHES RESEARCH LABS., HALIBU, CALIP. Thrust dynamometer Patent
[NASA-CASE-XNP-09808] c09 N71-12518 Guidance and maneuver analyzer Patent [MASA-CASE-XNP-09572] c14 N71-15621 Hethod of making screen by casting Patent [NASA-CASE-XLE-00953] c15 N71-15966 Pluid flow control value Patent [NASA-CASE-XLE-00703] c15 N71-15967	[NASA-CASE-MFS-22411-1] c15 W74-21058 Hethod and apparatus for optically monitoring the angular position of a rotating mirror [NASA-CASE-GSC-11353-1] c23 N74-21304 HUGHES RESEARCH LABS., HALIBU, CALIF.
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[NASA-CASE-XNP-09808] Guidance and maneuver analyzer Patent [NASA-CASE-XNP-09572] Bethod of making screen by casting Patent [NASA-CASE-XLE-00953] Pluid flow control value Patent [NASA-CASE-XLE-00703] Construction and method of arranging a plurality of ion engines to form a cluster Patent [NASA-CASE-XNP-04338] Construction and method of arranging a plurality of ion engines to form a cluster Patent [NASA-CASE-XNP-02923] Method for fiberizing ceramic materials Patent [NASA-CASE-XNP-00597] Inorganic thermal control pigment Patent [NASA-CASE-XNP-02139] Triaxial antenna Patent [NASA-CASE-XNP-02139] Triaxial antenna Patent [NASA-CASE-XNP-03916] High efficiency oscillator with temperature compensation Patent [NASA-CASE-XNP-03916] High efficiency ionizer assembly Patent [NASA-CASE-XNP-03916] Apparatus for changing the orientation and velocity of a spinning body traversing a path Patent [NASA-CASE-HQN-00936] Column 12050 Col	[NASA-CASE-MFS-22411-1] c15 W74-21058 Bethod and apparatus for optically monitoring the angular position of a rotating mirror [NASA-CASE-GSC-11353-1] c23 W74-21304 BUGHES RESKARCH LABS., MALIBU, CALIP. Thrust dynamometer Patent [NASA-CASE-XLE-05260] c14 W71-20429  LIT RESKARCH IWST., CHICAGO, ILL. Spectral method for monitoring atmospheric contamination of inert-gas welding shields Patent [NASA-CASE-XHF-02039] c15 W71-15871 Lightweight refractory insulation and method of preparing the same Patent [NASA-CASE-XHF-02770-2] c18 W71-16124 Stabilized zinc oxide coating compositions Patent [NASA-CASE-XHF-07770-2] c18 W71-26772 Synthesis of zinc titanate pigment and coatings containing the same [MASA-CASE-HFS-13532] c18 W72-17532 Junction range finder [NASA-CASE-HFS-13532] c18 W72-17532 Junction range finder [NASA-CASE-KSC-10108] c14 W73-25461 IMAGE IMFORHATION, INC., DANBURY, CONN. Recorder/processor apparatus [NASA-CASE-GSC-11553-1] c07 W74-15831 IUCA RUGINERRING CORP., SAN GABRIBL, CALIF. An apparatus for establishing flow of fluid mass having a known velocity [NASA-CASE-MFS-21424-1] c12 W73-16248 IWSTITUTE FOR RESEARCH, INC., HOUSTON, TRY.
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[NASA-CASE-XNP-09808] Guidance and maneuver analyzer Patent [NASA-CASE-XNP-09572] Sethod of making screen by casting Patent [NASA-CASE-XLE-00953] Fluid flow control value Patent [NASA-CASE-XLE-00703] Low noise single aperture multimode monopulse antenna feed system Patent [NASA-CASE-XNP-01735] Multilayer porous ionizer Patent [NASA-CASE-XNP-04338] Construction and method of arranging a plurality of ion engines to form a cluster Patent [NASA-CASE-XNP-02923] Method for fiberizing ceramic materials Patent [NASA-CASE-XNP-02923] Method for fiberizing ceramic materials Patent [NASA-CASE-XNP-02923] Method for fiberizing ceramic materials Patent [NASA-CASE-XNP-02923] Thorganic thermal control pigment Patent [NASA-CASE-XNP-02139] Triaxial antenna Patent [NASA-CASE-XNP-02139] Variable frequency oscillator with temperature compensation Patent [NASA-CASE-XNP-03916] Sigh efficiency ionizer assembly Patent [NASA-CASE-XNP-01954] Apparatus for changing the orientation and velocity of a spinning body traversing a path Patent [NASA-CASE-NP-00936] Pabrication of controlled-porosity metals Patent [NASA-CASE-HON-00936] C31 N71-29050 Pabrication of controlled-porosity metals Patent [NASA-CASE-INP-04339] Ion thruster [NASA-CASE-LH-10770-1] BUGHES AIBCERFT CO., LOS ANGELES, CALIP. Power control circuit	[NASA-CASE-MFS-22411-1] c15 W74-21058 Bethod and apparatus for optically monitoring the angular position of a rotating mirror [NASA-CASE-GSC-11353-1] c23 W74-21304 BUGHES RESKARCH LABS., HALIBU, CALIP. Thrust dynamometer Patent [NASA-CASE-XLE-05260] c14 W71-20429  LIT RESKARCH IWST., CHICAGO, ILL. Spectral method for monitoring atmospheric contamination of inert-gas welding shields patent [NASA-CASE-XHF-02039] c15 W71-15871 Lightweight refractory insulation and method of preparing the same Patent [NASA-CASE-XHF-05279] c18 W71-16124 Stabilized zinc oxide coating compositions Patent [NASA-CASE-XHF-07770-2] c18 W71-26772 Synthesis of zinc titanate pigment and coatings containing the same [WASA-CASE-HFS-13532] c18 W72-17532 Junction range finder [NASA-CASE-KSC-10108] c14 W73-25461 IMAGE IMFORHATION, INC., DANBURY, CONN. Recorder/processor apparatus [NASA-CASE-GSC-11553-1] c07 W74-15831 IUCA ENGINEERING CORP., SAM GABRIEL, CALIF. An apparatus for establishing flow of fluid wass having a known velocity [NASA-CASE-HFS-21424-1] c12 W73-16248 IWSTITUTE FOR RESEARCH, INC., HOUSTON, TRY. Bethod of making a perspiration resistant biopotential electrode [NASA-CASE-BSC-90153-21] c05 W72-25120
[NASA-CASE-XNP-09808] Guidance and maneuver analyzer Patent [NASA-CASE-XNP-09572] Bethod of making screen by casting Patent [NASA-CASE-XLE-00953] Fluid flow control value Patent [NASA-CASE-XLE-00703] Low noise single aperture multimode monopulse antenna feed system Patent [NASA-CASE-XNP-01735] CO7 N71-22750 Multilayer porous ionizer Patent [NASA-CASE-XNP-04338] Construction and method of arranging a plurality of ion engines to form a cluster Patent [NASA-CASE-XNP-02923] Method for fiberizing ceramic materials Patent [NASA-CASE-XNP-02923] Inorganic thermal control pigment [NASA-CASE-XNP-02139] Triaxial antenna Patent [NASA-CASE-XNP-02139] Triaxial antenna Patent [NASA-CASE-XNP-03916] Wariable frequency oscillator with temperature compensation Patent [NASA-CASE-XNP-03916] High efficiency ionizer assembly Patent [NASA-CASE-XNP-01954] C28 N71-28810 Apparatus for changing the orientation and velocity of a spinning body traversing a path Patent [NASA-CASE-NP-00936] Fabrication of controlled-porosity metals Patent [NASA-CASE-HQN-00936] Fabrication of controlled-porosity metals Patent [NASA-CASE-INP-04339] Ion thruster [NASA-CASE-IEH-10770-1] BUGBES AIRCRAFT CO., LOS ANGELES, CALIF. Power control circuit [NASA-CASE-INP-02713] C10 N69-39888	[NASA-CASE-MFS-22411-1] c15 W74-21058 Bethod and apparatus for optically monitoring the angular position of a rotating mirror [NASA-CASE-GSC-11353-1] c23 W74-21304 BUGHES RESKARCH LABS., HALIBU, CALIP. Thrust dynamometer Patent [NASA-CASE-XLE-05260] c14 W71-20429  LIT RESKARCH IWST., CHICAGO, ILL. Spectral method for monitoring atmospheric contamination of inert-gas welding shields patent [NASA-CASE-XHF-02039] c15 W71-15871 Lightweight refractory insulation and method of preparing the same Patent [NASA-CASE-XHF-05279] c18 W71-16124 Stabilized zinc oxide coating compositions Patent [NASA-CASE-XHF-07770-2] c18 W71-26772 Synthesis of zinc titanate pigment and coatings containing the same [WASA-CASE-HFS-13532] c18 W72-17532 Junction range finder [NASA-CASE-KSC-10108] c14 W73-25461 IMAGE IMFORHATION, INC., DANBURY, CONN. Recorder/processor apparatus [NASA-CASE-GSC-11553-1] c07 W74-15831 IUCA ENGINEERING CORP., SAM GABRIEL, CALIF. An apparatus for establishing flow of fluid wass having a known velocity [NASA-CASE-HFS-21424-1] c12 W73-16248 IWSTITUTE FOR RESEARCH, INC., HOUSTON, TRY. Bethod of making a perspiration resistant biopotential electrode [NASA-CASE-BSC-90153-21] c05 W72-25120
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and out of sync conditions Patent	Cassegrainian a
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Rock drill for recovering samples	Liquid rocket s {NASA-CASE-IN
(NASA-CASE-XNP-07478) c14 N69-21923	Radar ranging r
Data compression system [NASA-CASE-XNP-09785] c08 N69-21928	[NASA-CASE-XN
Magnetohydrodynamic induction machine	Attitude contro
[NASA-CASE-INP-07481] C25 N69-21929	[ NASA-CASE-XN
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Telemetry word forming unit	Unbilical sepat
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Solid state switch [NASA-CASE-XNP-09228] c09 N69-27500	[NASA-CASE-II
Belleville spring assembly with elastic guides	Ignition system
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[ MASA-CASE-XNP-01307 ]	c21 N70-41856
Process for preparing sterile solid	propellants
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Solenoid construction Patent	•
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Printed circuit board with bellows r	ivet
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pseudo-noise SYNC code modulated a	
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Single or joint amplitude distributi	
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Dual waveguide mode source having co	
for adjusting the relative amplitu	
modes Patent	
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Bethod for determining the state of	charge of
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High pressure regulator valve Paten	
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Sealed battery gas manifold construc	
[NASA-CASE-XNP-03378]	c03 N71-11051
Solar cell submodule Patent	
[NASA-CASE-INP-05821]	c03 N71-11056
Reflectometer for receiver input inp	
measurement Patent	counce Luccii
[NASA-CASE-INP-10843]	c07 N71-11267
Means for generating a sync signal i	
communication system Patent	
[NASA-CASE-XNP-10830]	c07 N71-11281
Multi-food Como Caccourain antonna	
Eulti-feed cone Cassegrain antenna [N1S1-CASE-NPO-10539]	Patent
[NASA-CASE-NPO-10539]	
[NASA-CASE-NPO-10539] Thermionic diode switch Patent	Patent c07 N71-11285
[NASA-CASE-NPO-10539] Thermionic diode switch Patent [NASA-CASE-NPO-10404]	Patent c07 N71-11285 c03 N71-12255
[NASA-CASE-NPO-10539] Thermionic diode switch Patent [NASA-CASE-NPO-10404] Anti-backlash circuit for hydraulic	Patent c07 N71-11285 c03 N71-12255
[NASA-CASE-NPO-10539] Thermionic diode switch Patent [NASA-CASE-NPO-10404] Anti-backlash circuit for hydraulic Patent	Patent c07 N71-11285 c03 N71-12255 drive system
[NASA-CASE-NPO-10539] Thermionic diode switch Patent [NASA-CASE-NPO-10404] Anti-backlash circuit for bydraulic Patent [NASA-CASE-XNP-01020]	Patent c07 N71-11285 c03 N71-12255
[NASA-CASE-NPO-10539] Thermionic diode switch Patent [NASA-CASE-NPO-10404] Anti-backlash circuit for bydraulic Patent [NASA-CASE-XNP-01020] Binary number sorter Patent	Patent c07 N71-11285 c03 N71-12255 drive system c03 N71-12260
[NASA-CASE-NPO-10539] Thermionic diode switch Patent [NASA-CASE-NPO-10404] Anti-backlash circuit for hydraulic Patent [NASA-CASE-XNP-01020] Binary number sorter Patent [NASA-CASE-NPO-10112]	Patent c07 N71-11285 c03 N71-12255 drive system c03 N71-12260 c08 N71-12502
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[NASA-CASE-NPO-10539] Thermionic diode switch Patent [NASA-CASE-NPO-10404] Anti-backlash circuit for hydraulic Patent [NASA-CASE-XNP-01020] Binary number sorter Patent [NASA-CASE-NPO-10112] Linear three-tap feedback shift regi [NASA-CASE-NPO-10351] Binary sequence detector Patent [NASA-CASE-XNP-05415] Data compression system with a minim delay unit Patent [NASA-CASE-XNP-08832] Hagnetic counter Patent [NASA-CASE-XNP-08836] Operational integrator Patent [NASA-CASE-XNP-01030] Starting circuit for vapor lamps and Patent [NASA-CASE-XNP-01058] Hatched thermistors for microwave por Patent [NASA-CASE-NPO-10348] Hicro current measuring device using logarithmic response heated filame	Patent
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[NASA-CASE-NPO-10539] Thermionic diode switch Patent [NASA-CASE-NPO-10404] Anti-backlash circuit for bydraulic Patent [NASA-CASE-NPO-1020] Binary number sorter Patent [NASA-CASE-NPO-10112] Linear three-tap feedback shift regi [NASA-CASE-NPO-10351] Binary sequence detector Patent [NASA-CASE-NPO-05415] Data compression system with a minim delay unit Patent [NASA-CASE-XNP-08832] Hagnetic counter Patent [NASA-CASE-XNP-08836] Operational integrator Patent [NASA-CASE-NPO-10230] Starting circuit for vapor lamps and Patent [NASA-CASE-NPO-1058] Hatched thermistors for microwave por Patent [NASA-CASE-NPO-10348] Bicro current measuring device using logarithmic response heated filame diodes Patent [NASA-CASE-NPO-0364] Automatic thermal switch Patent [NASA-CASE-NPO-0364] Photoelectric energy spectrometer F [NASA-CASE-NPO-03796] Photoelectric energy spectrometer F [NASA-CASE-NPO-04161] Anti-glare improvement for optical is systems Patent [NASA-CASE-NPO-10337] Pluid flow restrictor Patent [NASA-CASE-NPO-101171]	Patent
[NASA-CASE-NPO-10539] Thermionic diode switch Patent [NASA-CASE-NPO-10404] Anti-backlash circuit for bydraulic Patent [NASA-CASE-NPO-1020] Binary number sorter Patent [NASA-CASE-NPO-10112] Linear three-tap feedback shift regi [NASA-CASE-NPO-10351] Binary sequence detector Patent [NASA-CASE-NPO-05415] Data compression system with a minim delay unit Patent [NASA-CASE-NNP-08832] Hagnetic counter Patent [NASA-CASE-NNP-08836] Operational integrator Patent [NASA-CASE-NPO-10230] Starting circuit for vapor lamps and Patent [NASA-CASE-NPO-1058] Batched thermistors for microwave po Patent [NASA-CASE-NPO-10348] Bicro current measuring device using logarithmic response heated filame diodes Patent [NASA-CASE-NPO-0384] Automatic thermal switch Patent [NASA-CASE-NPO-0384] Automatic thermal switch Patent [NASA-CASE-NPO-03796] Photoelectric energy spectrometer F [NASA-CASE-NPO-04161] Anti-glare improvement for optical i systems Patent [NASA-CASE-NPO-10337] Pluid flow restrictor Patent [NASA-CASE-NPO-1017]	Patent
[NASA-CASE-NPO-10539] Thermionic diode switch Patent [NASA-CASE-NPO-10404] Anti-backlash circuit for bydraulic Patent [NASA-CASE-XNP-01020] Binary number sorter Patent [NASA-CASE-NPO-10112] Linear three-tap feedback shift regi [NASA-CASE-NPO-10351] Binary sequence detector Patent [NASA-CASE-NPO-10351] Binary sequence detector Patent [NASA-CASE-XNP-05415] Data compression system with a minim delay unit Patent [NASA-CASE-XNP-08832] Hagnetic counter Patent [NASA-CASE-XNP-08836] Operational integrator Patent [NASA-CASE-NPO-10230] Starting circuit for vapor lamps and Patent [NASA-CASE-NPO-1058] Batched thermistors for microwave por Patent [NASA-CASE-NPO-10348] Bicro current measuring device using logarithmic response heated filame diodes Patent [NASA-CASE-NPO-10348] Automatic thermal switch Patent [NASA-CASE-XNP-00384] Automatic thermal switch Patent [NASA-CASE-XNP-003796] Photoelectric energy spectrometer F [NASA-CASE-XNP-01037] Pluid flow restrictor Patent [NASA-CASE-NPO-10117] Bigh temperature lens construction [NASA-CASE-NPO-10117] Bigh temperature lens construction	Patent
[NASA-CASE-NPO-10539] Thermionic diode switch Patent [NASA-CASE-NPO-10404] Anti-backlash circuit for bydraulic Patent [NASA-CASE-XNP-01020] Binary number sorter Patent [NASA-CASE-NPO-10112] Linear three-tap feedback shift regi [NASA-CASE-NPO-10351] Binary sequence detector Patent [NASA-CASE-NPO-10351] Binary sequence detector Patent [NASA-CASE-XNP-05415] Data compression system with a minim delay unit Patent [NASA-CASE-XNP-08832] Hagnetic counter Patent [NASA-CASE-XNP-08836] Operational integrator Patent [NASA-CASE-NPO-10230] Starting circuit for vapor lamps and Patent [NASA-CASE-NPO-1058] Batched thermistors for microwave por Patent [NASA-CASE-NPO-10348] Bicro current measuring device using logarithmic response heated filame diodes Patent [NASA-CASE-NPO-0344] Automatic thermal switch Patent [NASA-CASE-XNP-003796] Photoelectric energy spectrometer F [NASA-CASE-XNP-03796] Photoelectric energy spectrometer F [NASA-CASE-XNP-0117] Sigh temperature lens construction [NASA-CASE-XNP-04111]	Patent
[NASA-CASE-NPO-10539] Thermionic diode switch Patent [NASA-CASE-NPO-10404] Anti-backlash circuit for bydraulic Patent [NASA-CASE-NPO-1020] Binary number sorter Patent [NASA-CASE-NPO-10112] Linear three-tap feedback shift regi [NASA-CASE-NPO-10351] Binary sequence detector Patent [NASA-CASE-NPO-05415] Data compression system with a minim delay unit Patent [NASA-CASE-XNP-08832] Hagnetic counter Patent [NASA-CASE-XNP-08836] Operational integrator Patent [NASA-CASE-XNP-08836] Operational integrator Patent [NASA-CASE-NPO-10230] Starting circuit for vapor lamps and Patent [NASA-CASE-NPO-1058] Hatched thermistors for microwave po Patent [NASA-CASE-NPO-10348] Hicro current measuring device using logarithmic response heated filame diodes Patent [NASA-CASE-NPO-0364] Automatic thermal switch Patent [NASA-CASE-NPO-03796] Photoelectric energy spectrometer F [NASA-CASE-NPO-03797] Photoelectric energy spectrometer F [NASA-CASE-NPO-03797] Fluid flow restrictor Patent [NASA-CASE-NPO-10177] High temperature lens construction [NASA-CASE-NPO-101171] Solder flux which leaves corrosion-reconting Patent	Patent
[NASA-CASE-NPO-10539] Thermionic diode switch Patent [NASA-CASE-NPO-10404] Anti-backlash circuit for bydraulic Patent [NASA-CASE-XNP-01020] Binary number sorter Patent [NASA-CASE-NPO-10112] Linear three-tap feedback shift regi [NASA-CASE-NPO-10351] Binary sequence detector Patent [NASA-CASE-NPO-10351] Binary sequence detector Patent [NASA-CASE-XNP-05415] Data compression system with a minim delay unit Patent [NASA-CASE-XNP-08832] Hagnetic counter Patent [NASA-CASE-XNP-08836] Operational integrator Patent [NASA-CASE-NPO-10230] Starting circuit for vapor lamps and Patent [NASA-CASE-NPO-1058] Batched thermistors for microwave por Patent [NASA-CASE-NPO-10348] Bicro current measuring device using logarithmic response heated filame diodes Patent [NASA-CASE-NPO-0344] Automatic thermal switch Patent [NASA-CASE-XNP-003796] Photoelectric energy spectrometer F [NASA-CASE-XNP-03796] Photoelectric energy spectrometer F [NASA-CASE-XNP-0117] Sigh temperature lens construction [NASA-CASE-XNP-04111]	Patent

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Intermittent type silica gel adsorption
  refrigerator Patent
  [NASA-CASE-XNP-00920]
                                       c15 N71-15906
Dual mode horn antenna
                         Patent
                                       c07 1171-15907
  [NASA-CASE-INP-01057]
means for controlling rupture of shock tube
  diaphragns Patent
  [NASA-CASE-XAC-00731]
                                       c11 N71-15960
Insertion loss measuring apparatus having
  transformer means connected across a pair of
  bolometers Patent
  NASA-CASE-XNP-01193]
                                       c10 N71-16057
Polarimeter for transient measurement Patent
  [NASA-CASE-XNP-08883]
                                       c23 N71-16101
Flexible composite membrane Patent
                                       c18 N71-16210
  [NASA-CASE-XNP-08837]
Hount for thermal control system Patent
  [ NASA-CASE-NPO-10138 ]
                                       c33 N71-16357
Optical characteristics measuring apparatus Patent
  [NASA-CASE-XNP-08840]
                                       c23 N71-16365
Parallel plate viscometer Patent
  [NASA-CASE-XNP-09462]
                                       c14 N71-17584
Hears and method of measuring viscoelastic
  strain Patent
  [NASA-CASE-KNP-01153]
                                       c32 N71-17645
Interferometer direction sensor Patent
                                       c14 N71-17655
  [NASA-CASE-NPO-10320]
Interferometer servo system Patent
  [NASA-CASE-NPO-10300]
                                       c14 N71-17662
Electrical spot terminal assembly
                                     Patent
  [NASA-CASE-NPO-10034]
                                       c15 #71-17685
Sealed separable connection Patent
  [NASA-CASE-NPO-10064]
                                       c15 N71-17693
Incremental motion drive system Patent
  [NASA-CASE-INP-08897]
                                       c15 N71-17694
Microbalance including crystal oscillators for
  measuring contaminates in a gas system Patent
  [NASA-CASE-NPO-10144]
                                       c14 N71-17701
Apparatus and method for protecting a
  photographic device Patent
  [ NASA-CASE-NPO-10174]
                                       c14 N71-18465
Ranging system Patent
  [ NASA-CASE-NPO-10066 ]
                                       C09 N71-18598
High impact pressure regulator Patent [NASA-CASE-NPO-10175] c
                                       c14 N71-18625
Magnetic core current steering commutator Patent
  ( NASA-CASE-NPO-10201 ]
                                       CO8 #71-18694
Hethod of using photovoltaic cell using poly-N-vinylcarbazole complex Patent
  NAŠA-CASE-NPO-10373]
                                       c03 #71-18698
A dc-coupled noninverting one-shot
                                      Patent
  [NASA-CASE-INP-09450]
                                       c10 N71-18723
Automatic fault correction system for parallel
  signal channels Patent
  [NASA-CASE-INP-03263]
                                       C09 N71-18843
Data compression processor Patent
  [ NASA-CASB-NPO-10068 ]
                                       c08 %71-19288
Tape guidance system and apparatus for the
  provision thereof Patent
  [NASA-CASE-KNP-09453]
                                       c08 N71-19420
High voltage transistor circuit Patent [NASA-CASE-XNP-06937] CO
                                       c09 N71-19516
Solar cell matrix Patent
  [ NASA-CASE-NPO-10821 ]
                                       c03 N71~19545
Electrical switching device Patent [NASA-CASE-NPO-10037]
                                       C09 N71-19610
Drift compensation circuit for analog to digital
  converter Patent
  [NASA-CASE-INP-04780]
                                       CO8 N71-19687
Roll-up solar array
                      Patent
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                                       c03 N71-20273
Method and device for determining battery state
  of charge Patent
[NASA-CASE-NPO-10194]
Soil particles separator, collector and viewer
  Patent
  [NASA-CASE-INP-09770]
                                       c15 N71-20440
Transmission line thermal short Patent [NASA-CASE-IMP-09775] c0
                                       c09 #71-20445
Synchronous servo loop control system Fatent [NASA-CASE-XNP-03744] c10 N71-20448
Processing for producing a sterilized instrument
  Patent
  [NASA-CASE-XNP-09763]
                                       c14 N71-20461
Signal-to-noise ratio estimating by taking ratio
  of mean and standard deviation of integrated
  signal samples Patent
  [NASA-CASE-XNP-05254]
                                       c07 #71-20791
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communication system Patent	c07 N71-20814
[NASA-CASE-XNP-01306] Bigh power-high voltage waterload Pa	
[NASA-CASE-KNP-05381]	C09 N71-20842
Coaxial cable connector Patent	c09 N71-20851
Soldering with solder flux which leav	es
corrosion resistant coating Patent	
[NASA-CASE-INP-03459] Biniature stress transducer Patent	c15 N71-21078
[NASA-CASE-XNP-02983]	c14 ¥71-21091
Holder for crystal resonators Patent	c15 N71-21311
[NASA-CASE-XNP-03637] Correlation function apparatus Paten	
[NASA-CASE-XNP-00746]	c07 N71-21476
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[NASA-CASE-INP-01059] Electron bombardment ion engine Pate	c23 N71-21821
[ NASA-CASE-XNP-04124]	c28 N71-21822
Data compressor Patent [NASA-CASE-XMP-04067]	c08 N71-22707
Error correcting method and apparatus	Patent
[NASA-CASE-INP-02748] Counter and shift register Patent	c08 N71-22749
[NASA-CASE-XNP-01753]	c08 N71-22897
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Hybrid lubrication system and bearing	
[NASA-CASE-XNP-01641]	c15 N71-22997
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Refrigeration apparatus Patent	c15 N71-23025
[NASA-CASE-XNP-08877] Reduced bandwidth video communication	
utilizing sampling techniques Pate	ent
[NASA-CASE-XNP-02791] Model launcher for wind tunnels Pate	c07 N71-23026
[ NASA-CASE-XNP-03578 ]	c11 N71-23030
Dille Officers community and accommunity	itent c10 N71-23033
Solar vane actuator Patent	
[NASA-CASE-INP-05535] Time of flight mass spectrometer with	c14 N71-23040 feedback
means from the detector to the low	source and
a specific counter Patent [NASA-CASE-XNP-01056]	c14 H71-23041
Connector internal force gauge Pater	ıt
[NASA-CASE-XNP-03918]	c14 N71-23087
Circulator having quarter wavelength post and parametric amplifier circulations	its
utilizing the same Patent	c09 N71-23097
[NASA-CASE-NHP-02140] Method of resolving clock synchroniza	
and means therefor Patent	
[NASA-CASE-XNP-08675] Impact testing machine Patent	c10 N71~23099
[ NASA-CASE-XNP-04817 ]	c14 N71-23225
Zeta potential flowmeter Patent [NASA-CASE-XNP-06509]	c14 #71-23226
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[NASA-CASE-XNP-03835] Dicyanoacetylene polymers Patent	c06 N71-23499
[ WASA-CASE-XWP-03250 ]	c06 N71-23500
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[NASA-CASE-INP-06507]  Millimeter wave radiometer for radio	
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[NASA-CASE-XNP-09832] Radiant energy intensity measurement	c30 N71-23723 system Patent
[NASA-CASE-XNP-06510]	c14 N71-23797
<pre>Bigh speed phase detector Patent [NASA-CASE-INP-01306-2]</pre>	c09 N71-24596
Apparatus for testing polymeric mate	
[NASA-CASE-XNP-09699] Digital synchronizer Patent	CVV #/1-240U/
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[ NASA-CASE-NPO-10388 ]	c07 N71-24622
Self-testing and repairing computer [NASA-CASE-NPO-10567]	Patent c08 N71-24633
Serial digital decoder Patent [NASA-CASE-NPO-101501	c08 N71-24650
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Detenting servomotor
                      Patent
                                       c15 N71-24695
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Reversible motion drive system Patent
  [ NASA-CASE-NPO-10173 ]
                                       c15 871-24696
Decoder system Patent
  [ NASA-CASE-NPO-10118 ]
                                       c07 N71-24741
Television signal processing system
                                       Patent
  [ NASA-CASE-NPO-10140 ]
                                       c07 N71-24742
Switching circuit Patent
  [WASA-CASE-XNP-06505]
                                       c10 N71-24799
Magnetic power switch
  [ NASA-CASE-NPO-10242 ]
                                       C09 N71-24803
Remodulator filter Patent
  [ NASA-CASE-NPO-10198 ]
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                                        Patent
  [NASA-CASE-INP-08880]
                                       c09 871-24808
Cavity radiometer Patent
                                       c14 N71-24809
  [NASA-CASE-XNP-08961]
Bigh-gain, broadband traveling wave maser Patent
                                       c16 N71-24831
  [NASA-CASE-NPO-10548]
Fluid containers and resealable septum therefor
  [NASA-CASE-NPO-10123]
                                       c15 N71-24835
                                     Patent
Temperature telemetric transmitter
                                       c07 N71-24840
  [NASA-CASE-BPO-10649]
Tuning arrangement for an electron discharge
  device or the like Pa
[NASA-CASE-INP-09771]
                       Patent
                                        c09 #71-24841
Noise limiter Patent
  [ NASA-CASE-NPO-10169 ]
                                       c10 N71-24844
Noninterruptable digital counting system Patent
  [ NASA-CASE-INP-09759 ]
                                       COS 871-24891
Drive circuit for minimizing power consumption
  in inductive load Patent
  [ NASA-CASE-NPO-10716 ]
                                        c09 N71-24892
Space simulator Patent
  [NASA-CASE-NPO-10141]
                                        c11 N71-24964
Process for reducing secondary electron emission
  Patent
  [ NASA-CASE-INP-09469 ]
                                        C24 N71-25555
Minimal logic block encoder Patent
  [ NASA-CASE-NPO-10595 ]
                                        c10 N71-25917
Novel polycarboxylic prepolymeric materials and
  polymers thereof Patent
  [NASA-CASE-NPO-10596]
                                        c06 N71-25929
Current steering switch
                           Patent
                                        c09 B71-26000
  [NASA-CASE-XNP-08567]
Dual polarity full wave dc motor drive Patent [NASA-CASE-XMP-07477] c09 N71-
                                        c09 N71-26092
High impact antenna Patent
  [ NASA-CASE-NPO-10231 ]
                                        c07 N71-26101
Video communication system and apparatus Patent [NASA-CASE-INP-06611] c07 N71-26
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Parallel generation of the check bits of a PW
  sequence Patent
  [ NASA-CASE-INP-04623]
                                        c10 N71-26103
Phase multiplying electronic scanning system
  Patent
  [NASA-CASE-NPO-10302]
                                        c10 N71-26142
Electron beam tube containing a multiple cathode
   array employing indexing means for cathode
   substitution Patent
  [ NASA-CASE-NPO-10625 ]
                                        CQ9 N71-26182
Fluid phase analyzer Patent
                                        c14 N71-26199
  [ NASA-CASE-NPO-10691]
Variable frequency nuclear magnetic resonance
   spectrometer Patent
                                        c14 N71-26266
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 Time synchronization system utilizing moon
   reflected coded signals Patent
   [ NASA-CASE-NPO-10143 ]
                                        c10 N71-26326
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                                        c10 N71-2633'.
  [ NASA-CASE-INP-10854]
 Cascaded complementary pair broadband transistor
   amplifiers Patent
[MASA-CASE-NPO-10003] c10 N71-264
Digital memory in which the driving of each word
                                        c10 N71-26415
   location is controlled by a switch core Patent
   [ NASA-CASE-XNP-01466 ]
                                        c10 N71-26434
 Conically shaped cavity radiometer with a dual
   purpose cone winding
                          Patent
   [ NASA-CASE-XNP-09701]
                                        c14 N71-26475
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   system Patent
   [ NASA-CASE-NPO-10344 ]
                                        c10 871-26544
 Rapid sync acquisition system Patent
   [NASA-CASE-NPO-10214]
                                        c10 N71-26577
 Cryogenic cooling system
[NASA-CASE-NPO-10467]
                           Patent
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Vacuum evaporator with electromagnetic ion	Valving device for automatic refilling in
steering Patent	cryogenic liquid systems [NASA-CASE-NPO-11177] c15 N72-17453
[NASA-CASE-NPO-10331] c09 N71-26701 Automated fluid chemical analyzer Patent	[NASA-CASE-NPO-11177] c15 N72-17453 Expansible support means
[NASA-CASE-INP-09451] c06 N71-26754	[NASA-CASE-NPO-11059] c15 N72-17454
Material handling device Patent	Breakaway connector
[NASA-CASE-XNP-09770-3] c11 N71-27036 Pressure seal Patent	[NASA-CASE-NPO-11140] c15 N72-17455 Modular encoder
[NASA-CASE-NPO-10796] c15 N71-27068	[NASA-CASE-NPO-10629]
ultiducted electromagnetic pump Patent	Transition tracking bit synchronization system
[NASA-CASE-NPO-10755] c15 N71-27084	[NASA-CASE-NPO-10844] C07 N72-20140
Peak acceleration limiter for wibrational tester Patent	Data compression system  (NASA-CASE-NPO-11243) C07 M72-20154
[NASA-CASE-NPO-10556] c14 N71-27185	[NASA-CASE-NPO-11243] CO7 N72-20154 Digital quasi-exponential function generator
Thin film capacitive bolometer and temperature	[NASA-CASE-NPO-11130] c08 N72-20176
sensor Patent	Method and apparatus for high resolution
[NASA-CASE-NPO-10607] c09 N71-27232	spectral analysis [NASA-CASE-NPO-10748] c08 872-20177
Black body cavity radiometer Patent [NASA-CASE-NPO-10810] c14 N71-27323	[NASA-CASE-NPO-10748] c08 N72-20177 Plow rate switch
Video signal enhancement system with dynamic	[NASA-CASE-NPO-10722] C09 N72-20199
range compression and modulation index	Electrical connector
expansion Patent	[NASA-CASE-NPO-10694] c09 N72-20200
[NASA-CASE-NPO-10343] c07 N71-27341 Force-balanced, throttle valve Patent	Bide band doubler and sine wave quadrature generator
[NASA-CASE-NFO-10808] c15 N71-27432	[NASA-CASE-NPO-11133] c10 N72-20223
Cavity emitter for thermionic converter Patent	Signal phase estimator
[NASA-CASE-NPO-10412] c09 N71-28421	[NASA-CASE-NPO-11203] G10 N72-20224
Frictionless universal joint Patent [NASA-CASE-NPO-10646] c15 N71-28467	Optimal control system for an electric motor driven vehicle
[NASA-CASE-NPO-10646] c15 N71-28467 Spoxy-aziridine polymer product Patent	[NASA-CASE-NPO-11210] c11 N72-20244
[NASA-CASE-NPO-10701] c06 N71-28620	
fluid impervious barrier including liquid metal	Impact energy absorbing system utilizing
alloy and method of making same Patent	fracturable material [NASA-CASE-NPO-10671] c15 N72-20443
[NASA-CASE-XNP-08881] c17 N71-28747 Find tunnel microphone structure Patent	[2400 400 500 500 615 872-20443
[NASA-CASE-XNP-00250] c11 x71-28779	Torsional disconnect unit
Prialkyl-dihalotantalum and niobium compounds	[NASA-CASE-NPO-10704] c15 N72-20445
Patent	M-3:3
[NASA-CASE-XNP-04023] c06 N71-28808 Digital memory sense amplifying means Patent	Solid propellant rocket motor [NASA-CASE-XNP-03282] c28 N72-20758
[NASA-CASE-XNP-01012] c08 N71-28925	Shell side liquid metal boiler
Digital filter for reducing sampling jitter in	[NASA-CASE-NPO-10831] c33 N72-20915
digital control systems Patent	Method and apparatus for mapping planets
[NASA-CASE-NPO-11088] c08 N71-29034 Method and apparatus for aligning a laser beam	[NASA-CASE-NPO-11001] c07 N72-21118 Current steering commutator
projector Patent	[NASA-CASE-NPO-10743] . c08 N72-21199
[NASA-CASE-NPO-11087] c23 N71-29125	Automated equipotential plotter
Subber composition for use with hydrazine Patent	[NASA-CASE-NPO-11134] c09 N72-21246
Application [NASA-CASE-NPO-11433] c18 N71-31140	Pressure transducer [NASA-CASE-NPO-10832] c14 N72-21405
Notable accurate reflector system for telscopes	Positioning mechanism
Patent	[NASA-CASE-NPO-10679] c15 N72-21462
[NASA-CASE-NPO-10468] c23 N71-33229	Solid state matrices
Incoder/decoder system for a rapidly synchronizable binary code Patent	[NASA-CASE-NPO-10591] c03 N72-22041 Solar cell panels with light transmitting plate
[NASA-CASE-NPO-10342] c10 N71-33407	[NASA-CASE-NPO-10747] c03 N72-22042
ligh power microwave power divider Patent	Oil and fat absorbing polymers
[NASA-CASE-NPO-11031] c07 N71-33606	[NASA-CASE-NPO-11609-1] c06 M72-22114
dc servosystem including an ac motor Patent [NASA-CASE-NPO-10700] c07 N71-33613	Data multiplexer using tree switching configuration
Solar cell matrix	[NASA-CASE-NPO-11333] c08 N72-22162
[NASA-CASE-NPO-11190] c03 N71-34044	System for quantizing graphic displays
Manually actuated heat pump	[NASA-CASE-NPO-10745] c08 N72-22164
[NASA-CASE-NPO-10677] c05 N72-11084	Digital function generator
irtual wall slot circularly polarized planar array antenna	[NASA-CASE-NPO-11104] c08 N72-22165 Analog-to-digital converter analyzing system
[NASA-CASE-NPO-10301] c07 N72-11148	[NASA-CASE-NPO-10560] c08 N72-22166
System for controlling the operation of a	Feedback shift register with states decomposed
variable signal device	into cycles of equal length
[NASA-CASE-NPO-11064] C07 N72-11150 sethod and apparatus for data compression by a	[NASA-CASE-NPO-11082] c08 N72-22167 Self-obturating, gas operated launcher
decreasing slope threshold test	[NASA-CASE-NPO-11013] c11 N72-22247
[NASA-CASE-NPO-10769] C08 N72-11171	Optical binocular scanning apparatus
apparatus for remote measurement of displacement	[NASA-CASE-NPO-11002] c14 H72-22441
of marks on a specimen undergoing a tensile test [NASA-CASE-NPO-10778] c14 k72-11364	Ionene membrane separator [NASA-CASE-NPO-11091] c18 N72-22567
Jibration isolation system using compression	Deployable solar cell array
springs	[NASA-CASE-NPO-10883] c31 N72-22874
[NASA-CASE-NPO-11012] c15 N72-11391	Thermal to electrical power conversion system
reed system for an ion thruster [NASA-CASE-NPO-10737] c28 N72-11709	with solid-state switches with Seebeck effect compensation
[NASA-CASE-NPO-10737] C20 N72-11709 Phermostatic actuator	[NASA-CASE-NPO-11368] CO3 N72-23048
[NASA-CASE-NPO-10637] c15 N72-12409	Optical frequency waveguide and transmission
High voltage transistor amplifier with constant	system
current load [NASA-CASE-NPO-11023]	[NASA-CASR-HQN-10541-3] c23 N72-23695 Bipropellant injector
Reference voltage switching unit	[NASA-CASE-XNP-09461] c28 N72-23809
[NASA-CASE-NPO-11253] c09 N72-17157	Solid propellant rocket motor nozzle
	[NASA-CASE-NPO-11458] c28 N72-23810

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[NASA-CASE-NPO-11264] COT N72-25174 Communications link for computers	orthogonally dispos
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[NASA-CASE-NPO-11749] c14 N73-28486 Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer	two stations [NASA-CASE-NPO-13292-1]
[NASA-CASE-NPO-11749] c14 N73-28486 Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer [NASA-CASE-XNP-05231] c14 N73-28491	two stations [NASA-CASE-NPO-13292-1] c07 N74-15838  Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187  An improved heat sterilizable patient ventilator
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[NASA-CASE-NPO-11749] c14 N73-28486  Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer  [NASA-CASE-NPO-05231] c14 N73-28491  Strain gage mounting assembly  [NASA-CASE-NPO-13170-1] c14 N73-28495  Continuous magnetic flux pump  [NASA-CASE-NPO-01187] c15 N73-28516  Preparation of alkali metal dispersions  [NASA-CASE-XNP-08876] c17 N73-28573  Superconductive magnetic-field-trapping device  [NASA-CASE-XNP-01185] c26 N73-28710  Improved dispensing targets for ion beam particle generators  [NASA-CASE-NPO-13112-1] c11 N73-29138  Single reflector interference spectrometer and	two stations [NASA-CASE-NPO-13292-1] c07 N74-15838 Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187 An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] c05 N74-17858 Shared memory for a fault-tolerant computer [NASA-CASE-NPO-13139-1] c08 N74-17911 System for stabilizing cable phase delay utilizing a coaxial cable under pressure [NASA-CASE-NPO-13138-1] c09 N74-17927 Motor run-up system [NASA-CASE-NPO-13374-1] c10 N74-17949 Mide angle sun sensor [NASA-CASE-NPO-13327-1] c14 N74-18093 Symmetrical odd-modulus frequency divider [NASA-CASE-NPO-13426-1] c09 N74-18869
[NASA-CASE-NPO-11749] c14 N73-28486  Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer  [NASA-CASE-XNP-05231] c14 N73-28491  Strain gage mounting assembly  [NASA-CASE-NPO-13170-1] c14 N73-28495  Continuous magnetic flux pump  [NASA-CASE-XNP-01187] c15 N73-28516  Preparation of alkali metal dispersions  [NASA-CASE-XNP-08876] c17 N73-28573  Superconductive magnetic-field-trapping device  [NASA-CASE-XNP-01185] c26 N73-28710  Improved dispensing targets for ion beam particle generators  [NASA-CASE-NPD-13112-1] c11 N73-29138	two stations [NASA-CASE-NPO-13292-1] c07 N74-15838 Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187 An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] c05 N74-17858 Shared memory for a fault-tolerant computer [NASA-CASE-NPO-13139-1] c08 N74-17911 System for stabilizing cable phase delay utilizing a coaxial cable under pressure [NASA-CASE-NPO-1313B-1] c09 N74-17927 Motor run-up system [NASA-CASE-NPO-13374-1] c10 N74-17949 Hide angle sun sensor [NASA-CASE-NPO-13327-1] c14 N74-18093 Symmetrical odd-modulus frequency divider
[NASA-CASE-NPO-11749] c14 N73-28486  Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer  [NASA-CASE-XNP-05231] c14 N73-28491  Strain gage mounting assembly  [NASA-CASE-NPO-13170-1] c14 N73-28495  Continuous magnetic flux pump  [NASA-CASE-XNP-01187] c15 N73-28516  Preparation of alkali metal dispersions  [NASA-CASE-XNP-08876] c17 N73-28573  Superconductive magnetic-field-trapping device  [NASA-CASE-XNP-01185] c26 N73-28710  Improved dispensing targets for ion beam particle generators  [NASA-CASE-NPD-13112-1] c11 N73-29138  Single reflector interference spectrometer and drive system therefor  [NASA-CASE-NPO-11932-1] c14 N73-29438  Optically detonated explosive device	two stations [NASA-CASE-NPO-13292-1] c07 N74-15838 Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187 An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] c05 N74-17858 Shared memory for a fault-tolerant computer [NASA-CASE-NPO-13139-1] c08 N74-17911 System for stabilizing cable phase delay utilizing a coaxial cable under pressure [NASA-CASE-NPO-1313B-1] c09 N74-17927 Motor run-up system [NASA-CASE-NPO-13374-1] c10 N74-17949 Hide angle sun sensor [NASA-CASE-NPO-13327-1] c14 N74-18093 Symmetrical odd-modulus frequency divider [NASA-CASE-NPO-13426-1] c09 N74-18869 Servo-controlled intravital microscope system [NASA-CASE-NPO-13214-1] c14 N74-19093 Method of forming a wick for a heat pipe
[NASA-CASE-NPO-11749] c14 N73-28486  Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer [NASA-CASE-NNP-05231] c14 N73-28491  Strain gage mounting assembly [NASA-CASE-NNP-013170-1] c14 N73-28495  Continuous magnetic flux pump [NASA-CASE-NNP-01187] c15 N73-28516  Preparation of alkali metal dispersions [NASA-CASE-NNP-08876] c17 N73-28573  Superconductive magnetic-field-trapping device [NASA-CASE-NNP-01185] c26 N73-28710  Improved dispensing targets for ion beam particle generators [NASA-CASE-NNP-013112-1] c11 N73-29138  Single reflector interference spectrometer and drive system therefor [NASA-CASE-NPO-11932-1] c14 N73-29438  Optically detonated explosive device [NASA-CASE-NPO-11743-1] c33 N73-29959	two stations [NASA-CASE-NPO-13292-1] c07 N74-15838 Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187 An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] c05 N74-17858 Shared memory for a fault-tolerant computer [NASA-CASE-NPO-13139-1] c08 N74-17911 System for stabilizing cable phase delay utilizing a coaxial cable under pressure [NASA-CASE-NPO-13138-1] c09 N74-17927 Motor run-up system [NASA-CASE-NPO-13374-1] c10 N74-17949 Hide angle sun sensor [NASA-CASE-NPO-13327-1] c14 N74-18093 Symmetrical odd-modulus frequency divider [NASA-CASE-NPO-13426-1] c09 N74-18869 Servo-controlled intravital microscope system [NASA-CASE-NPO-13214-1] c14 N74-19093 Method of forming a wick for a heat pipe [NASA-CASE-NPO-13391-1] c33 N74-19584
[NASA-CASE-NPO-11749] c14 N73-28486  Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer [NASA-CASE-NPO-05231] c14 N73-28491  Strain gage mounting assembly [NASA-CASE-NPO-13170-1] c14 N73-28495  Continuous magnetic flux pump [NASA-CASE-NPO-01187] c15 N73-28516  Preparation of alkali metal dispersions [NASA-CASE-NPO-08876] c17 N73-28573  Superconductive magnetic-field-trapping device [NASA-CASE-NPO-0185] c26 N73-28710  Improved dispensing targets for ion beam particle generators [NASA-CASE-NPO-13112-1] c11 N73-29138  Single reflector interference spectrometer and drive system therefor [NASA-CASE-NPO-11932-1] c14 N73-29438  Optically detonated explosive device [NASA-CASE-NPO-11743-1] c33 N73-29959  Automatic carrier acquisition system	two stations [NASA-CASE-NPO-13292-1] c07 N74-15838 Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187 An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] c05 N74-17858 Shared memory for a fault-tolerant computer [NASA-CASE-NPO-13139-1] c08 N74-17911 System for stabilizing cable phase delay utilizing a coaxial cable under pressure [NASA-CASE-NPO-13138-1] c09 N74-17927 Motor run-up system [NASA-CASE-NPO-13374-1] c10 N74-17949 Mide angle sun sensor [NASA-CASE-NPO-13327-1] c14 N74-18093 Symmetrical odd-modulus frequency divider [NASA-CASE-NPO-13426-1] c09 N74-18869 Servo-controlled intravital microscope system [NASA-CASE-NPO-13214-1] c14 N74-19093 Method of forming a wick for a heat pipe [NASA-CASE-NPO-13391-1] c33 N74-19584 Storage battery comprising negative plates of a
[NASA-CASE-NPO-11749] c14 N73-28486  Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer  [NASA-CASE-NPO-05231] c14 N73-28491  Strain gage mounting assembly [NASA-CASE-NPO-13170-1] c14 N73-28495  Continuous magnetic flux pump [NASA-CASE-NPO-01187] c15 N73-28516  Preparation of alkali metal dispersions [NASA-CASE-XNP-08876] c17 N73-28573  Superconductive magnetic-field-trapping device [NASA-CASE-XNP-01185] c26 N73-28710  Improved dispensing targets for ion beam particle generators [NASA-CASE-NPO-13112-1] c11 N73-29138  Single reflector interference spectrometer and drive system therefor [NASA-CASE-NPO-11932-1] c14 N73-29438  Optically detonated explosive device [NASA-CASE-NPO-11743-1] c33 N73-29959  Automatic carrier acquisition system [NASA-CASE-NPO-11628-1] c07 N73-30113	two stations [NASA-CASE-NPO-13292-1] c07 N74-15838 Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187 An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] c05 N74-17858 Shared memory for a fault-tolerant computer [NASA-CASE-NPO-13139-1] c08 N74-17911 System for stabilizing cable phase delay utilizing a coaxial cable under pressure [NASA-CASE-NPO-13138-1] c09 N74-17927 Motor run-up system [NASA-CASE-NPO-13374-1] c10 N74-17949 Hide angle sun sensor [NASA-CASE-NPO-13327-1] c14 N74-18093 Symmetrical odd-modulus frequency divider [NASA-CASE-NPO-13214-1] c09 N74-18869 Servo-controlled intravital microscope system [NASA-CASE-NPO-13214-1] c14 N74-19093 Method of forming a wick for a heat pipe [NASA-CASE-NPO-13391-1] c33 N74-19584 Storage battery comprising negative plates of a wedge shaped configuration
[NASA-CASE-NPO-11749] c14 N73-28486  Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer  [NASA-CASE-NPO-05231] c14 N73-28491  Strain gage mounting assembly  [NASA-CASE-NPO-13170-1] c14 N73-28495  Continuous magnetic flux pump  [NASA-CASE-NPO-01187] c15 N73-28516  Preparation of alkali metal dispersions  [NASA-CASE-NPO-08876] c17 N73-28573  Superconductive magnetic-field-trapping device  [NASA-CASE-NPO-01185] c26 N73-28710  Improved dispensing targets for ion beam particle generators  [NASA-CASE-NPO-13112-1] c11 N73-29138  Single reflector interference spectrometer and drive system therefor  [NASA-CASE-NPO-11932-1] c14 N73-29438  Optically detonated explosive device  [NASA-CASE-NPO-11743-1] c33 N73-29959  Automatic carrier acquisition system  [NASA-CASE-NPO-11628-1] c07 N73-30113  Ferrofluidic solenoid	two stations [NASA-CASE-NPO-13292-1] c07 N74-15838 Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187 An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] c05 N74-17858 Shared memory for a fault-tolerant computer [NASA-CASE-NPO-13139-1] c08 N74-17911 System for stabilizing cable phase delay utilizing a coaxial cable under pressure [NASA-CASE-NPO-1313B-1] c09 N74-17927 Motor run-up system [NASA-CASE-NPO-13374-1] c10 N74-17949 Hide angle sun sensor [NASA-CASE-NPO-13327-1] c14 N74-18093 Symmetrical odd-modulus frequency divider [NASA-CASE-NPO-13214-1] c09 N74-18869 Servo-controlled intravital microscope system [NASA-CASE-NPO-13214-1] c14 N74-19093 Method of forming a wick for a heat pipe [NASA-CASE-NPO-13391-1] c33 N74-19584 Storage battery comprising negative plates of a Hedge shaped configuration [NASA-CASE-NPO-11806-1] c03 N74-19693
[NASA-CASE-NPO-11749] c14 N73-28486  Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer [NASA-CASE-NPO-15231] c14 N73-28491  Strain gage mounting assembly [NASA-CASE-NPO-13170-1] c14 N73-28495  Continuous magnetic flux pump [NASA-CASE-NPO-0187] c15 N73-28516  Preparation of alkali metal dispersions [NASA-CASE-NPO-08876] c17 N73-28573  Superconductive magnetic-field-trapping device [NASA-CASE-NPO-0185] c26 N73-28710  Improved dispensing targets for ion beam particle generators [NASA-CASE-NPO-13112-1] c11 N73-29138  Single reflector interference spectrometer and drive system therefor [NASA-CASE-NPO-11932-1] c14 N73-29438  Optically detonated explosive device [NASA-CASE-NPO-11743-1] c33 N73-29959  Automatic carrier acquisition system [NASA-CASE-NPO-11628-1] c07 N73-30113  Ferrofluidic solenoid (NASA-CASE-NPO-11738-1] c09 N73-30185	two stations [NASA-CASE-NPO-13292-1] c07 N74-15838 Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187 An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] c05 N74-17858 Shared memory for a fault-tolerant computer [NASA-CASE-NPO-13139-1] c08 N74-17911 System for stabilizing cable phase delay utilizing a coaxial cable under pressure [NASA-CASE-NPO-13138-1] c09 N74-17927 Motor run-up system [NASA-CASE-NPO-13374-1] c10 N74-17949 Mide angle sun sensor [NASA-CASE-NPO-13327-1] c14 N74-18093 Symmetrical odd-modulus frequency divider [NASA-CASE-NPO-13426-1] c09 N74-18869 Servo-controlled intravital microscope system [NASA-CASE-NPO-13214-1] c14 N74-19093 Method of forming a wick for a heat pipe [NASA-CASE-NPO-13391-1] c33 N74-19584 Storage battery comprising negative plates of a wedge shaped configuration [NASA-CASE-NPO-11806-1] c03 N74-19693 Heat operated cryogenic electrical generator
[NASA-CASE-NPO-11749] c14 N73-28486  Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer [NASA-CASE-NPO-05231] c14 N73-28491  Strain gage mounting assembly [NASA-CASE-NPO-13170-1] c14 N73-28495  Continuous magnetic flux pump [NASA-CASE-NPO-01187] c15 N73-28516  Preparation of alkali metal dispersions [NASA-CASE-XNP-08876] c17 N73-28573  Superconductive magnetic-field-trapping device [NASA-CASE-XNP-01185] c26 N73-28710  Improved dispensing targets for ion beam particle generators [NASA-CASE-NPO-13112-1] c11 N73-29138  Single reflector interference spectrometer and drive system therefor [NASA-CASE-NPO-11932-1] c14 N73-29438  Optically detonated explosive device [NASA-CASE-NPO-11743-1] c33 N73-29959  Automatic carrier acquisition system [NASA-CASE-NPO-11628-1] c07 N73-30113  Ferrofluidic solenoid (NASA-CASE-NPO-11738-1) c09 N73-30185  Silent emergency alarm system for schools and	two stations [NASA-CASE-NPO-13292-1] c07 N74-15838 Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187 An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] c05 N74-17858 Shared memory for a fault-tolerant computer [NASA-CASE-NPO-13139-1] c08 N74-17911 System for stabilizing cable phase delay utilizing a coaxial cable under pressure [NASA-CASE-NPO-1313B-1] c09 N78-17927 Motor run-up system [NASA-CASE-NPO-13374-1] c10 N74-17949 Hide angle sun sensor [NASA-CASE-NPO-13327-1] c14 N74-18093 Symmetrical odd-modulus frequency divider [NASA-CASE-NPO-13426-1] c09 N74-18869 Servo-controlled intravital microscope system [NASA-CASE-NPO-13214-1] c14 N74-19093 Method of forming a wick for a heat pipe [NASA-CASE-NPO-13393-1] c33 N74-19584 Storage battery comprising negative plates of a wedge shaped configuration [NASA-CASE-NPO-13303-1] c03 N74-19693 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701
[NASA-CASE-NPO-11749] c14 N73-28486  Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer  [NASA-CASE-NPO-05231] c14 N73-28491  Strain gage mounting assembly [NASA-CASE-NPO-13170-1] c14 N73-28495  Continuous magnetic flux pump [NASA-CASE-NPO-13170-1] c15 N73-28516  Preparation of alkali metal dispersions [NASA-CASE-XNP-08876] c17 N73-28573  Superconductive magnetic-field-trapping device [NASA-CASE-XNP-01185] c26 N73-28710  Improved dispensing targets for ion beam particle generators [NASA-CASE-NPO-13112-1] c11 N73-29138  Single reflector interference spectrometer and drive system therefor [NASA-CASE-NPO-11932-1] c14 N73-29438  Optically detonated explosive device [NASA-CASE-NPO-11743-1] c33 N73-29959  Automatic carrier acquisition system [NASA-CASE-NPO-11628-1] c07 N73-30113  Ferrofluidic solenoid [NASA-CASE-NPO-11738-1]  Silent emergency alarm system for schools and the like	two stations [NASA-CASE-NPO-13292-1] c07 N74-15838 Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187 An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] c05 N74-17858 Shared memory for a fault-tolerant computer [NASA-CASE-NPO-13139-1] c08 N74-17911 System for stabilizing cable phase delay utilizing a coaxial cable under pressure [NASA-CASE-NPO-13138-1] c09 N74-17927 Motor run-up system [NASA-CASE-NPO-13374-1] c10 N74-17949 Hide angle sun sensor [NASA-CASE-NPO-13327-1] c14 N74-18093 Symmetrical odd-modulus frequency divider [NASA-CASE-NPO-13214-1] c09 N74-18869 Servo-controlled intravital microscope system [NASA-CASE-NPO-13214-1] c14 N74-19093 Method of forming a wick for a heat pipe [NASA-CASE-NPO-13393-1] c33 N74-19584 Storage battery comprising negative plates of a wedge shaped configuration [NASA-CASE-NPO-13303-1] c03 N74-19693 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701 Electric power generation system directly from
[NASA-CASE-NPO-11749] c14 N73-28486  Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer [NASA-CASE-NPO-05231] c14 N73-28491  Strain gage mounting assembly [NASA-CASE-NPO-013170-1] c14 N73-28495  Continuous magnetic flux pump [NASA-CASE-NPO-01187] c15 N73-28516  Preparation of alkali metal dispersions [NASA-CASE-NPO-08876] c17 N73-28573  Superconductive magnetic-field-trapping device [NASA-CASE-NPO-01185] c26 N73-28710  Improved dispensing targets for ion beam particle generators [NASA-CASE-NPO-13112-1] c11 N73-29138  Single reflector interference spectrometer and drive system therefor [NASA-CASE-NPO-11932-1] c14 N73-29438  Optically detonated explosive device [NASA-CASE-NPO-11743-1] c33 N73-29959  Automatic carrier acquisition system [NASA-CASE-NPO-11743-1] c07 N73-30113  Ferrofluidic solenoid [NASA-CASE-NPO-11738-1] c09 N73-30185  Silent emergency alarm system for schools and the like [NASA-CASE-NPO-11307-1] c10 N73-30205	two stations [NASA-CASE-NPO-13292-1] c07 N74-15838 Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187 An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] c05 N74-17858 Shared memory for a fault-tolerant computer [NASA-CASE-NPO-13139-1] c08 N74-17911 System for stabilizing cable phase delay utilizing a coaxial cable under pressure [NASA-CASE-NPO-13138-1] c09 N78-17927 Notor run-up system [NASA-CASE-NPO-13374-1] c10 N74-17949 Hide angle sun sensor [NASA-CASE-NPO-13374-1] c14 N74-18093 Symmetrical odd-modulus frequency divider [NASA-CASE-NPO-13426-1] c09 N78-18869 Servo-controlled intravital microscope system [NASA-CASE-NPO-13214-1] c14 N74-19093 Method of forming a wick for a heat piece [NASA-CASE-NPO-13391-1] c33 N74-19584 Storage battery comprising negative plates of a wedge shaped configuration [NASA-CASE-NPO-11806-1] c03 N74-19693 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701 Electric power generation system directly from laser power
[NASA-CASE-NPO-11749] c14 N73-28486  Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer [NASA-CASE-NPO-15231] c14 N73-28491  Strain gage mounting assembly [NASA-CASE-NPO-13170-1] c14 N73-28495  Continuous magnetic flux pump [NASA-CASE-NPO-0187] c15 N73-28516  Preparation of alkali metal dispersions [NASA-CASE-XNP-08876] c17 N73-28573  Superconductive magnetic-field-trapping device [NASA-CASE-XNP-01185] c26 N73-28710  Improved dispensing targets for ion beam particle generators [NASA-CASE-NPO-13112-1] c11 N73-29138  Single reflector interference spectrometer and drive system therefor [NASA-CASE-NPO-11932-1] c14 N73-29438  Optically detonated explosive device [NASA-CASE-NPO-11743-1] c33 N73-29959  Automatic carrier acquisition system [NASA-CASE-NPO-11628-1] c07 N73-30113  Ferrofluidic solenoid (NASA-CASE-NPO-11738-1] c09 N73-30185  Silent emergency alarm system for schools and the like [NASA-CASE-NPO-11307-1] c10 N73-30205  RF-source resistance meters	two stations [NASA-CASE-NPO-13292-1] c07 N74-15838 Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187 An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] c05 N74-17858 Shared memory for a fault-tolerant computer [NASA-CASE-NPO-13139-1] c08 N74-17911 System for stabilizing cable phase delay utilizing a coaxial cable under pressure [NASA-CASE-NPO-1313B-1] c09 N74-17927 Botor run-up system [NASA-CASE-NPO-13374-1] c10 N74-17949 Wide angle sun sensor [NASA-CASE-NPO-13327-1] c14 N74-18093 Symmetrical odd-modulus frequency divider [NASA-CASE-NPO-13426-1] c09 N74-18869 Servo-controlled intravital microscope system [NASA-CASE-NPO-13214-1] c14 N74-19093 Method of forming a wick for a heat pipe [NASA-CASE-NPO-13391-1] c33 N74-19584 Storage battery comprising negative plates of a wedge shaped configuration [NASA-CASE-NPO-13303-1] c03 N74-19693 Beat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701 Electric power generation system directly from laser power [NASA-CASE-NPO-13308-1] c03 N74-19702
[NASA-CASE-NPO-11749] c14 N73-28486  Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer [NASA-CASE-NPO-05231] c14 N73-28491  Strain gage mounting assembly [NASA-CASE-NPO-13170-1] c14 N73-28495  Continuous magnetic flux pump [NASA-CASE-NPO-01187] c15 N73-28516  Preparation of alkali metal dispersions [NASA-CASE-XNP-08876] c17 N73-28573  Superconductive magnetic-field-trapping device [NASA-CASE-XNP-01185] c26 N73-28710  Improved dispensing targets for ion beam particle generators [NASA-CASE-NPO-13112-1] c11 N73-29138  Single reflector interference spectrometer and drive system therefor [NASA-CASE-NPO-11932-1] c14 N73-29438  Optically detonated explosive device [NASA-CASE-NPO-11743-1] c33 N73-29959  Automatic carrier acquisition system [NASA-CASE-NPO-11738-1] c07 N73-30113  Ferrofluidic solenoid [NASA-CASE-NPO-11738-1] c09 N73-30185  Silent emergency alarm system for schools and the like [NASA-CASE-NPO-11307-1] c10 N73-30205  RF-source resistance meters [NASA-CASE-NPO-11291-1] c14 N73-30388	two stations [NASA-CASE-NPO-13292-1] c07 N74-15838 Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187 An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] c05 N74-17858 Shared memory for a fault-tolerant computer [NASA-CASE-NPO-13139-1] c08 N74-17911 System for stabilizing cable phase delay utilizing a coaxial cable under pressure [NASA-CASE-NPO-13138-1] c09 N78-17927 Notor run-up system [NASA-CASE-NPO-13374-1] c10 N74-17949 Hide angle sun sensor [NASA-CASE-NPO-13374-1] c14 N74-18093 Symmetrical odd-modulus frequency divider [NASA-CASE-NPO-13426-1] c09 N78-18869 Servo-controlled intravital microscope system [NASA-CASE-NPO-13214-1] c14 N74-19093 Method of forming a wick for a heat piece [NASA-CASE-NPO-13391-1] c33 N74-19584 Storage battery comprising negative plates of a wedge shaped configuration [NASA-CASE-NPO-11806-1] c03 N74-19693 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701 Electric power generation system directly from laser power
[NASA-CASE-NPO-11749] c14 N73-28486  Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer [NASA-CASE-NPO-05231] c14 N73-28491  Strain gage mounting assembly [NASA-CASE-NPO-13170-1] c14 N73-28495  Continuous magnetic flux pump [NASA-CASE-NPO-01187] c15 N73-28516  Preparation of alkali metal dispersions [NASA-CASE-NPO-08876] c17 N73-28573  Superconductive magnetic-field-trapping device [NASA-CASE-NPO-0185] c26 N73-28710  Improved dispensing targets for ion beam particle generators [NASA-CASE-NPO-13112-1] c11 N73-29138  Single reflector interference spectrometer and drive system therefor [NASA-CASE-NPO-117932-1] c14 N73-29438  Optically detonated explosive device [NASA-CASE-NPO-11743-1] c33 N73-29959  Automatic carrier acquisition system [NASA-CASE-NPO-11738-1] c07 N73-30113  Ferrofluidic solenoid [NASA-CASE-NPO-11738-1] c09 N73-30185  Silent emergency alarm system for schools and the like [NASA-CASE-NPO-11307-1] c10 N73-30205  RF-source resistance meters [NASA-CASE-NPO-11307-1] c14 N73-30388  Stored charged device [NASA-CASE-NPO-11156-2] c03 N73-30974	two stations [NASA-CASE-NPO-13292-1] c07 N74-15838 Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187 An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] c05 N74-17858 Shared memory for a fault-tolerant computer [NASA-CASE-NPO-13139-1] c08 N74-17911 System for stabilizing cable phase delay utilizing a coaxial cable under pressure [NASA-CASE-NPO-13138-1] c09 N74-17927 Motor run-up system [NASA-CASE-NPO-13374-1] c10 N74-17949 Mide angle sun sensor [NASA-CASE-NPO-13327-1] c14 N74-18093 Symmetrical odd-modulus frequency divider [NASA-CASE-NPO-13327-1] c09 N74-18869 Servo-controlled intravital microscope system [NASA-CASE-NPO-13214-1] c14 N74-19093 Method of forming a wick for a heat pipe [NASA-CASE-NPO-13391-1] c33 N74-19584 Storage battery comprising negative plates of a wedge shaped configuration [NASA-CASE-NPO-1303-1] c03 N74-19693 Weat operated cryogenic electrical generator [NASA-CASE-NPO-1303-1] c03 N74-19701 Electric power generation system directly from laser power [NASA-CASE-NPO-1308-1] c03 N74-19702 Gated compressor, distortionless signal limiter [NASA-CASE-NPO-11820-1] c07 N74-19708 Asynchronous, multiplexing, single line
[NASA-CASE-NPO-11749] c14 N73-28486  Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer [NASA-CASE-NPO-05231] c14 N73-28491  Strain gage mounting assembly [NASA-CASE-NPO-13170-1] c14 N73-28495  Continuous magnetic flux pump [NASA-CASE-NPO-01187] c15 N73-28516  Preparation of alkali metal dispersions [NASA-CASE-XNP-08876] c17 N73-28573  Superconductive magnetic-field-trapping device [NASA-CASE-XNP-01185] c26 N73-28710  Improved dispensing targets for ion beam particle generators [NASA-CASE-NPO-13112-1] c11 N73-29138  Single reflector interference spectrometer and drive system therefor [NASA-CASE-NPO-11932-1] c14 N73-29438  Optically detonated explosive device [NASA-CASE-NPO-11743-1] c33 N73-29959  Automatic carrier acquisition system [NASA-CASE-NPO-11738-1] c07 N73-30113  Ferrofluidic solenoid (NASA-CASE-NPO-11738-1] c09 N73-30185  Silent emergency alarm system for schools and the like [NASA-CASE-NPO-11307-1] c10 N73-30205  RF-source resistance meters [NASA-CASE-NPO-11291-1] c14 N73-30388  Stored charged device [NASA-CASE-NPO-1156-2] c03 N73-30974  Raw liquid waste treatment system and process	two stations [NASA-CASE-NPO-13292-1] c07 N74-15838 Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187 An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] c05 N74-17858 Shared memory for a fault-tolerant computer [NASA-CASE-NPO-13139-1] c08 N74-17911 System for stabilizing cable phase delay utilizing a coaxial cable under pressure [NASA-CASE-NPO-1313B-1] c09 N78-17927 Motor run-up system [NASA-CASE-NPO-13374-1] c10 N74-17949 Wide angle sun sensor [NASA-CASE-NPO-13327-1] c14 N74-18093 Symmetrical odd-modulus frequency divider [NASA-CASE-NPO-13426-1] c09 N74-18869 Servo-controlled intravital microscope system [NASA-CASE-NPO-13214-1] c14 N74-19093 Method of forming a wick for a heat pipe [NASA-CASE-NPO-13391-1] c33 N74-19584 Storage battery comprising negative plates of a wedge shaped configuration [NASA-CASE-NPO-13303-1] c03 N74-19693 Weat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701 Electric power generation system directly from laser power [NASA-CASE-NPO-13308-1] c03 N74-19702 Gated conpressor, distortionless signal limiter [NASA-CASE-NPO-11820-1] c07 N74-19788 Asynchronous, multiplexing, single line transmission and recovery data system
[NASA-CASE-NPO-11749] C14 N73-28486  Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer  [NASA-CASE-NPO-05231] C14 N73-28491  Strain gage mounting assembly [NASA-CASE-NPO-13170-1] C14 N73-28495  Continuous magnetic flux pump [NASA-CASE-NPO-01187] C15 N73-28516  Preparation of alkali metal dispersions [NASA-CASE-XNP-08876] C17 N73-28573  Superconductive magnetic-field-trapping device [NASA-CASE-XNP-01185] C26 N73-28710  Improved dispensing targets for ion beam particle generators [NASA-CASE-NPO-13112-1] C11 N73-29138  Single reflector interference spectrometer and drive system therefor [NASA-CASE-NPO-11932-1] C14 N73-29438  Optically detonated explosive device [NASA-CASE-NPO-11743-1] C33 N73-29959  Automatic carrier acquisition system [NASA-CASE-NPO-11628-1] C07 N73-30113  Ferrofluidic solenoid [NASA-CASE-NPO-11738-1] C09 N73-30185  Silent emergency alarm system for schools and the like [NASA-CASE-NPO-11307-1] C10 N73-30205  RP-source resistance meters [NASA-CASE-NPO-11291-1] C14 N73-30388  Stored charged device [NASA-CASE-NPO-11156-2] C03 N73-30974  Raw liquid waste treatment system and process [NASA-CASE-NPO-13224-1] C05 N73-31011	two stations [NASA-CASE-NPO-13292-1] c07 N74-15838 Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187 An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] c05 N74-17858 Shared memory for a fault-tolerant computer [NASA-CASE-NPO-13139-1] c08 N74-17911 System for stabilizing cable phase delay utilizing a coaxial cable under pressure [NASA-CASE-NPO-13138-1] c09 N74-17927 Motor run-up system [NASA-CASE-NPO-13374-1] c10 N74-17949 Hide angle sun sensor [NASA-CASE-NPO-13327-1] c14 N74-18093 Symmetrical odd-modulus frequency divider [NASA-CASE-NPO-13327-1] c14 N74-18093 Symmetrical odd-modulus frequency divider [NASA-CASE-NPO-133214-1] c14 N74-19093 Method of forming a wick for a heat pipe [NASA-CASE-NPO-13391-1] c33 N74-19584 Storage battery comprising negative plates of a wedge shaped configuration [NASA-CASE-NPO-13303-1] c03 N74-19693 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701 Electric power generation system directly from laser power [NASA-CASE-NPO-13308-1] c03 N74-19702 Gated compressor, distortionless signal limiter [NASA-CASE-NPO-13308-1] c07 N74-19788 Asynchronous, multiplexing, single line transmission and recovery data system [NASA-CASE-NPO-13321-1] c07 N74-19806
[NASA-CASE-NPO-11749] c14 N73-28486  Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer [NASA-CASE-NPO-05231] c14 N73-28491  Strain gage mounting assembly [NASA-CASE-NPO-13170-1] c14 N73-28495  Continuous magnetic flux pump [NASA-CASE-NPO-0187] c15 N73-28516  Preparation of alkali metal dispersions [NASA-CASE-NPO-08876] c17 N73-28573  Superconductive magnetic-field-trapping device [NASA-CASE-NPO-0185] c26 N73-28710  Improved dispensing targets for ion beam particle generators [NASA-CASE-NPO-13112-1] c11 N73-29138  Single reflector interference spectrometer and drive system therefor [NASA-CASE-NPO-11932-1] c14 N73-29438  Optically detonated explosive device [NASA-CASE-NPO-11743-1] c33 N73-29959  Automatic carrier acquisition system [NASA-CASE-NPO-11743-1] c07 N73-30113  Ferrofluidic solenoid [NASA-CASE-NPO-11738-1] c09 N73-30185  Silent emergency alarm system for schools and the like [NASA-CASE-NPO-11307-1] c10 N73-30205  RF-source resistance meters [NASA-CASE-NPO-11307-1] c10 N73-30205  RF-source resistance meters [NASA-CASE-NPO-11291-1] c14 N73-30388  Stored charged device [NASA-CASE-NPO-112924-1] c03 N73-30974  Raw liquid waste treatment system and process [NASA-CASE-NPO-13224-1] apparatus for forming drive belts	two stations [NASA-CASE-NPO-13292-1] c07 N74-15838 Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187 An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] c05 N74-17858 Shared memory for a fault-tolerant computer [NASA-CASE-NPO-13139-1] c08 N74-17911 System for stabilizing cable phase delay utilizing a coaxial cable under pressure [NASA-CASE-NPO-13138-1] c09 N74-17927 Motor run-up system [NASA-CASE-NPO-13374-1] c10 N74-17949 Hide angle sun sensor [NASA-CASE-NPO-13374-1] c14 N74-18093 Symmetrical odd-modulus frequency divider [NASA-CASE-NPO-13426-1] c09 N74-18869 Servo-controlled intravital microscope system [NASA-CASE-NPO-13426-1] c14 N74-19093 Method of forming a wick for a heat pipe [NASA-CASE-NPO-13391-1] c33 N74-19584 Storage battery comprising negative plates of a wedge shaped configuration [NASA-CASE-NPO-13303-1] c03 N74-19693 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701 Electric power generation system directly from laser power [NASA-CASE-NPO-13308-1] c03 N74-19702 Gated compressor, distortionless signal limiter [NASA-CASE-NPO-11820-1] c07 N74-19708 Asynchronous, multiplexing, single line transmission and recovery data system [NASA-CASE-NPO-13321-1] c07 N74-19806
[NASA-CASE-NPO-11749] c14 N73-28486  Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer [NASA-CASE-NPO-05231] c14 N73-28491  Strain gage mounting assembly [NASA-CASE-NPO-13170-1] c14 N73-28495  Continuous magnetic flux pump [NASA-CASE-NPO-01187] c15 N73-28516  Preparation of alkali metal dispersions [NASA-CASE-XNP-08876] c17 N73-28573  Superconductive magnetic-field-trapping device [NASA-CASE-XNP-01185] c26 N73-28710  Improved dispensing targets for ion beam particle generators [NASA-CASE-NPO-13112-1] c11 N73-29138  Single reflector interference spectrometer and drive system therefor [NASA-CASE-NPO-11932-1] c14 N73-29438  Optically detonated explosive device [NASA-CASE-NPO-11743-1] c33 N73-29959  Automatic carrier acquisition system [NASA-CASE-NPO-11738-1] c07 N73-30113  Ferrofluidic solenoid [NASA-CASE-NPO-11738-1] c09 N73-30185  Silent emergency alarm system for schools and the like [NASA-CASE-NPO-11307-1] c10 N73-30205  RF-source resistance meters [NASA-CASE-NPO-11291-1] c14 N73-30388  Stored charged device [NASA-CASE-NPO-11291-1] c14 N73-30388  Stored charged device [NASA-CASE-NPO-13224-1] c05 N73-31011  Apparatus for forming drive belts [NASA-CASE-NPO-13205-1] c15 N73-31442	two stations [NASA-CASE-NPO-13292-1] c07 N74-15838 Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187 An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] c05 N74-17858 Shared memory for a fault-tolerant computer [NASA-CASE-NPO-13139-1] c08 N74-17911 System for stabilizing cable phase delay utilizing a coaxial cable under pressure [NASA-CASE-NPO-13138-1] c09 N74-17927 Motor run-up system [NASA-CASE-NPO-13374-1] c10 N74-17949 Mide angle sun sensor [NASA-CASE-NPO-13327-1] c14 N74-18093 Symmetrical odd-modulus frequency divider [NASA-CASE-NPO-13426-1] c09 N74-18869 Servo-controlled intravital microscope system [NASA-CASE-NPO-13214-1] c14 N74-19093 Method of forming a wick for a heat pipe [NASA-CASE-NPO-13391-1] c33 N74-19584 Storage battery comprising negative plates of a wedge shaped configuration [NASA-CASE-NPO-13303-1] c03 N74-19693 Beat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701 Electric power generation system directly from laser power [NASA-CASE-NPO-13308-1] c03 N74-19702 Gated compressor, distortionless signal limiter [NASA-CASE-NPO-11820-1] c07 N74-19788 Asynchronous, multiplexing, single line transmission and recovery data system [NASA-CASE-NPO-13321-1] c07 N74-19806 Apparatus for scanning the surface of a cylindrical body
[NASA-CASE-NPO-11749] c14 N73-28486  Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer [NASA-CASE-NPO-05231] c14 N73-28491  Strain gage mounting assembly [NASA-CASE-NPO-13170-1] c14 N73-28495  Continuous magnetic flux pump [NASA-CASE-NPO-01187] c15 N73-28516  Preparation of alkali metal dispersions [NASA-CASE-XNP-08876] c17 N73-28573  Superconductive magnetic-field-trapping device [NASA-CASE-XNP-01185] c26 N73-28710  Improved dispensing targets for ion beam particle generators [NASA-CASE-NPO-13112-1] c11 N73-29138  Single reflector interference spectrometer and drive system therefor [NASA-CASE-NPO-11932-1] c14 N73-29438  Optically detonated explosive device [NASA-CASE-NPO-11743-1] c33 N73-29959  Automatic carrier acquisition system [NASA-CASE-NPO-11738-1] c07 N73-30113  Ferrofluidic solenoid [NASA-CASE-NPO-11738-1] c09 N73-30185  Silent emergency alarm system for schools and the like [NASA-CASE-NPO-11307-1] c10 N73-30205  FP-source resistance meters [NASA-CASE-NPO-11291-1] c14 N73-30388  Stored charged device [NASA-CASE-NPO-13224-1] c03 N73-30974  Eaw liquid waste treatment system and process [NASA-CASE-NPO-13224-1] c05 N73-31011  Apparatus for forming drive belts [NASA-CASE-NPO-13205-1] c15 N73-31442  Material suspension within an acoustically	two stations [NASA-CASE-NPO-13292-1] c07 N74-15838 Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187 An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] c05 N74-17858 Shared memory for a fault-tolerant computer [NASA-CASE-NPO-13139-1] c08 N74-17911 System for stabilizing cable phase delay utilizing a coaxial cable under pressure [NASA-CASE-NPO-1313B-1] c09 N78-17927 Motor run-up system [NASA-CASE-NPO-13374-1] c10 N74-17949 Hide angle sun sensor [NASA-CASE-NPO-13327-1] c14 N74-18093 Symmetrical odd-modulus frequency divider [NASA-CASE-NPO-13426-1] c09 N74-18869 Servo-controlled intravital microscope system [NASA-CASE-NPO-13214-1] c14 N74-19093 Method of forming a wick for a heat pipe [NASA-CASE-NPO-13393-1] c33 N74-19584 Storage battery comprising negative plates of a wedge shaped configuration [NASA-CASE-NPO-13303-1] c03 N74-19693 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701 Electric power generation system directly from laser power [NASA-CASE-NPO-13308-1] c03 N74-19702 Gated compressor, distortionless signal limiter [NASA-CASE-NPO-13308-1] c07 N74-19788 Asynchronous, multiplexing, single line transmission and recovery data system [NASA-CASE-NPO-13321-1] c07 N74-19806 Apparatus for scanning the surface of a cylindrical body [NASA-CASE-NPO-11861-1] c14 N74-20009
[NASA-CASE-NPO-11749] Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer [NASA-CASE-NPO-05231] Strain gage mounting assembly [NASA-CASE-NPO-13170-1] Continuous magnetic flux pump [NASA-CASE-NPO-0187] Continuous magnetic flux pump [NASA-CASE-NPO-0187] Continuous magnetic flux pump [NASA-CASE-NPO-08876] Continuous magnetic-field-trapping device [NASA-CASE-NPO-08876] Superconductive magnetic-field-trapping device [NASA-CASE-NPO-0185] Continuous magnetic-field-trapping device [NASA-CASE-NPO-13112-1] Continuous magnetic-field-trapping device [NASA-CASE-NPO-13112-1] Continuous magnetic-field-trapping device [NASA-CASE-NPO-11932-1] Continuous magnetic flux pump [NASA-CASE-NPO-11932-1] Continuous magnetic flux pump [NASA-CASE-NPO-11743-1] Continuous magnetic flux pump [N	two stations [NASA-CASE-NPO-13292-1] c07 N74-15838 Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187 An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] c05 N74-17858 Shared memory for a fault-tolerant computer [NASA-CASE-NPO-13139-1] c08 N74-17911 System for stabilizing cable phase delay utilizing a coaxial cable under pressure [NASA-CASE-NPO-1313B-1] c09 N74-17927 Motor run-up system [NASA-CASE-NPO-13374-1] c10 N74-17949 Hide angle sun sensor [NASA-CASE-NPO-13327-1] c14 N74-18093 Symmetrical odd-modulus frequency divider [NASA-CASE-NPO-13274-1] c14 N74-18093 Symmetrical odd-modulus frequency divider [NASA-CASE-NPO-13214-1] c14 N74-19093 Method of forming a wick for a heat pipe [NASA-CASE-NPO-13393-1] c33 N74-19584 Storage battery comprising negative plates of a wedge shaped configuration [NASA-CASE-NPO-13303-1] c03 N74-19693 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701 Electric power generation system directly from laser power [NASA-CASE-NPO-13308-1] c03 N74-19702 Gated compressor, distortionless signal limiter [NASA-CASE-NPO-13303-1] c07 N74-19702 Gated compressor, distortionless signal limiter [NASA-CASE-NPO-13303-1] c07 N74-19702 Asynchronous, multiplexing, single line transmission and recovery data system [NASA-CASE-NPO-13321-1] c07 N74-19806 Apparatus for scanning the surface of a cylindrical body [NASA-CASE-NPO-11861-1] c14 N74-20009 A doped Josephson tunneling junction for use in
[NASA-CASE-NPO-11749] Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer [NASA-CASE-XNP-05231] Strain gage mounting assembly [NASA-CASE-NPO-13170-1] Continuous magnetic flux pump [NASA-CASE-NPO-0187] Preparation of alkali metal dispersions [NASA-CASE-XNP-008876] Superconductive magnetic-field-trapping device [NASA-CASE-XNP-0185] C26 N73-28710 Improved dispensing targets for ion beam particle generators [NASA-CASE-NPO-1185] C11 N73-29138 Single reflector interference spectrometer and drive system therefor [NASA-CASE-NPO-11732-1] Optically detonated explosive device [NASA-CASE-NPO-11743-1] C11 N73-29438 Optically detonated explosive device [NASA-CASE-NPO-11743-1] Silent emergency alarm system for schools and the like [NASA-CASE-NPO-11307-1] Ferrofluidic solenoid (NASA-CASE-NPO-11307-1] Stored charged device [NASA-CASE-NPO-11291-1] Stored charged device [NASA-CASE-NPO-11291-1] Stored charged device [NASA-CASE-NPO-11291-1] Stored charged device [NASA-CASE-NPO-11291-1] Stored charged device [NASA-CASE-NPO-13224-1] Apparatus for forming drive belts [NASA-CASE-NPO-13205-1] Material suspension within an acoustically excited resonant chamber [NASA-CASE-NPO-13263-1] C15 N73-31443	two stations [NASA-CASE-NPO-13292-1] c07 N74-15838 Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187 An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] c05 N74-17858 Shared memory for a fault-tolerant computer [NASA-CASE-NPO-13139-1] c08 N74-17911 System for stabilizing cable phase delay utilizing a coaxial cable under pressure [NASA-CASE-NPO-13138-1] c09 N74-17927 Motor run-up system [NASA-CASE-NPO-13374-1] c10 N74-17949 Mide angle sun sensor [NASA-CASE-NPO-13327-1] c14 N74-18093 Symmetrical odd-modulus frequency divider [NASA-CASE-NPO-13426-1] c09 N74-18869 Servo-controlled intravital microscope system [NASA-CASE-NPO-13214-1] c14 N74-19093 Method of forming a wick for a heat pipe [NASA-CASE-NPO-13391-1] c33 N74-19584 Storage battery comprising negative plates of a wedge shaped configuration [NASA-CASE-NPO-13303-1] c03 N74-19693 Meat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701 Electric power generation system directly from laser power [NASA-CASE-NPO-13303-1] c03 N74-19702 Gated compressor, distortionless signal limiter [NASA-CASE-NPO-13303-1] c07 N74-19708 Asynchronous, multiplexing, single line transmission and recovery data system [NASA-CASE-NPO-13221-1] c07 N74-19806 Apparatus for scanning the surface of a cylindrical body [NASA-CASE-NPO-11861-1] c14 N74-20009 A doped Josephson tunneling junction for use in a sensitive IR detector
[NASA-CASE-NPO-11749] Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer [NASA-CASE-NPO-05231] Strain gage mounting assembly [NASA-CASE-NPO-13170-1] Continuous magnetic flux pump [NASA-CASE-NPO-13170-1] Continuous magnetic flux pump [NASA-CASE-NPO-0187] Continuous magnetic flux pump [NASA-CASE-NPO-01112-1] Continuous magnetic flux pump [NASA-CASE-NPO-01112-1] Continuous magnetic flux pump [NASA-CASE-NPO-01112-1] Continuous magnetic flux pump [NASA-CASE-NPO-011932-1] Continuous magnetic flux pump [NASA-CASE-NPO-011733-1] Continuous magnetic flux pump [NASA-CASE-NPO-011738-1] Continuous magnetic flux pump [NASA-CASE-NPO-011738-1] Continuous magnetic flux pump [NASA-CASE-NPO-011738-1] Continuous magnetic flux pump [NASA-CASE-NPO-011307-1] Continuous magnetic flux pump [NASA-CASE-NPO-011307-1] Continuous magnetic flux pump [NASA-CASE-NPO-013024-1] Continuous magnetic flux pump [NASA-CASE-NPO-01303-1] Continuous magnetic flux	two stations [NASA-CASE-NPO-13292-1] c07 N74-15838 Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187 An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] c05 N74-17858 Shared memory for a fault-tolerant computer [NASA-CASE-NPO-13139-1] c08 N74-17911 System for stabilizing cable phase delay utilizing a coaxial cable under pressure [NASA-CASE-NPO-1313B-1] c09 N74-17927 Notor run-up system [NASA-CASE-NPO-13374-1] c10 N74-17949 Hide angle sun sensor [NASA-CASE-NPO-13327-1] c14 N74-18093 Symmetrical odd-modulus frequency divider [NASA-CASE-NPO-13426-1] c09 N74-18869 Servo-controlled intravital microscope system [NASA-CASE-NPO-13214-1] c14 N74-19093 Method of forming a wick for a heat pipe [NASA-CASE-NPO-13391-1] c33 N74-19584 Storage battery comprising negative plates of a wedge shaped configuration [NASA-CASE-NPO-13303-1] c03 N74-19693 Heat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19702 Gated compressor, distortionless signal limiter [NASA-CASE-NPO-13308-1] c07 N74-19708 Asynchronous, multiplexing, single line transmission and recovery data system [NASA-CASE-NPO-13321-1] c07 N74-19806 Apparatus for scanning the surface of a cylindrical body [NASA-CASE-NPO-13661-1] c14 N74-20009 A doped Josephson tunneling junction for use in a sensitive IR detector [NASA-CASE-NPO-13348-1] c14 N74-20002
[NASA-CASE-NPO-11749] Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer [NASA-CASE-XNP-05231] Strain gage mounting assembly [NASA-CASE-NPO-13170-1] Continuous magnetic flux pump [NASA-CASE-NPO-0187] Preparation of alkali metal dispersions [NASA-CASE-XNP-008876] Superconductive magnetic-field-trapping device [NASA-CASE-XNP-0185] C26 N73-28710 Improved dispensing targets for ion beam particle generators [NASA-CASE-NPO-1185] C11 N73-29138 Single reflector interference spectrometer and drive system therefor [NASA-CASE-NPO-11732-1] Optically detonated explosive device [NASA-CASE-NPO-11743-1] C11 N73-29438 Optically detonated explosive device [NASA-CASE-NPO-11743-1] Silent emergency alarm system for schools and the like [NASA-CASE-NPO-11307-1] Ferrofluidic solenoid (NASA-CASE-NPO-11307-1] Stored charged device [NASA-CASE-NPO-11291-1] Stored charged device [NASA-CASE-NPO-11291-1] Stored charged device [NASA-CASE-NPO-11291-1] Stored charged device [NASA-CASE-NPO-11291-1] Stored charged device [NASA-CASE-NPO-13224-1] Apparatus for forming drive belts [NASA-CASE-NPO-13205-1] Material suspension within an acoustically excited resonant chamber [NASA-CASE-NPO-13263-1] C15 N73-31443	two stations [NASA-CASE-NPO-13292-1] c07 N74-15838 Inert gas metallic vapor laser [NASA-CASE-NPO-13449-1] c16 N74-16187 An improved heat sterilizable patient ventilator [NASA-CASE-NPO-13313-1] c05 N74-17858 Shared memory for a fault-tolerant computer [NASA-CASE-NPO-13139-1] c08 N74-17911 System for stabilizing cable phase delay utilizing a coaxial cable under pressure [NASA-CASE-NPO-13138-1] c09 N74-17927 Motor run-up system [NASA-CASE-NPO-13374-1] c10 N74-17949 Mide angle sun sensor [NASA-CASE-NPO-13327-1] c14 N74-18093 Symmetrical odd-modulus frequency divider [NASA-CASE-NPO-13426-1] c09 N74-18869 Servo-controlled intravital microscope system [NASA-CASE-NPO-13214-1] c14 N74-19093 Method of forming a wick for a heat pipe [NASA-CASE-NPO-13391-1] c33 N74-19584 Storage battery comprising negative plates of a wedge shaped configuration [NASA-CASE-NPO-13303-1] c03 N74-19693 Meat operated cryogenic electrical generator [NASA-CASE-NPO-13303-1] c03 N74-19701 Electric power generation system directly from laser power [NASA-CASE-NPO-13303-1] c03 N74-19702 Gated compressor, distortionless signal limiter [NASA-CASE-NPO-13303-1] c07 N74-19708 Asynchronous, multiplexing, single line transmission and recovery data system [NASA-CASE-NPO-13221-1] c07 N74-19806 Apparatus for scanning the surface of a cylindrical body [NASA-CASE-NPO-11861-1] c14 N74-20009 A doped Josephson tunneling junction for use in a sensitive IR detector

Dari-i fa-3back lase for tracking a polymbaco	Dook holding aircuit for orthogola account pul-
Decision feedback loop for tracking a polyphase modulated carrier	Peak holding circuit for extremely narrow pulses [NASA-CASE-NSC-14129-1] c10 N73-26231
[NASA-CASE-NPO-13103-1] CO7 N74-20811	Pulse stretcher for narrow pulses
Optically actuated two position mechanical mover	[NASA-CASE-HSC-14130-1] c10 N73-26232
[NASA-CASE-NPO-13105-1] c15 N74~21060	Data storage, image tube type
V	[NASA-CASE-MSC-14053-1] c08 N74-12888 Digital transmitter for data bus Communications
N	System
RELSEY-HAYES CO., BONULUS, MICH.	[NASA-CASE-MSC-14558-1] CO7 N74-17888
Variable thrust ion engine utilizing thermally	LOCKHEED HISSILES AND SPACE CO., SUNNYVALE, CALIF.
decomposable solid fuel Patent	Device for handling heavy loads
[ NASA-CASE-IMF-00923 ] C28 N70-36802 KELTEC INDUSTRIES, INC., ALEXANDRIA, VA.	[NASA-CASE-INP-04969] c11 N69-27466 Transient heat transfer gauge Patent
Unfurlable structure including coiled strips	[NASA-CASE-XNP-09802] C33 N71-15641
thrust launched upon tension release Patent	Dual solid cryogens for spacecraft refrigeration
[NASA-CASE-HQN-00937] c07 N71-28979	Patent
RINBLOGIC CORP., PASADENA, CALIP.	[NASA-CASE-GSC-10188-1] c23 N71-24725
Excitation and detection circuitry for a flux responsive magnetic head	Apparatus for detecting the amount of material in a resonant cavity container Patent
[NASA-CASE-XNP-04163] C09 H69-24329	[NASA-CASE-XNP-02500] c18 H71-27397
Tape guidance system and apparatus for the	Emergency earth orbital escape device
provision thereof Patent	[NASA-CASE-MSC-13281] c31 N72-18859
[NASA-CASE-XNP-09453] c08 N71-19420 Incremental tape recorder and data rate	Solar energy powered heliotrope [NASA-CASE-GSC-10945-1] C21 N72-31637
Converter Patent	Improved four phase logic systems
[NASA-CASE-XNP-02778] COS N71-22710	[NASA-CASE-MSC-14240-1] c10 N73-21240
KOLLSHAW INSTRUMENT CORP., BLUNDEST, N.Y.	Coaxial inverted geometry transistor having
Wide angle long eye relief eyepiece Patent [NASA-CASE-XMS-06056-1] c23 N71-24857	buried emitter
KOLLSMAN INSTRUMENT CORP., SYOSSET, N.Y.	[NASA-CASE-ARC-10330-1] c09 H73-32112 Whole body measurement systems
Digital modulator and demodulator Patent	[ NASA-CASE-MSC-13972-1 ] CO5 N74-10975
[NASA-CASE-ERC-10041] c08 N71-29138	LOCKHEED PROPULSION CO., REDLANDS, CALIF.
Ritchey-Chretien Telescope	Propellant grain for rocket motors Patent
[NASA+CASE-GSC-11487-1] c14 N73-30393 KORAD CORP., NEW YORK.	[NASA-CASE-XGS-03556] C27 H70-35534 LOCKHEED-CALIFORNIA CO., BURBANK.
Laser apparatus for removing material from	Absorptive splitter for closely spaced
rotating objects Patent	supersonic engine air inlets Patent
[NASA-CASE-MFS-11279] c16 N71-20400	[NASA-CASE-XLA-02865] c28 N71-15563
i	Nultistage aerospace craft
L	[NASA-CASE-XMF-02263] CO2 N74-10907 LTV ABROSPACE CORP., DALLAS, TEX.
LING-TRHCO-VOUGHT, INC., DALLAS, TEX.	Method of fluxless brazing and diffusion bonding
Latch/ejector unit Patent [NASA-CASE-XLA-03538] c15 N71-24897	of aluminum containing components
	[NASA-CASE-MSC-14435-1] c15 #74-20071
AUGIVEIS OF VOIGILIE OFFICIAL COMPOUNTS	
Analysis of volatile organic compounds [NASA-CASE-MSC-14428-1] c06 N74-19776	AA
[NASA-CASE-MSC-14428-1] c06 N74-19776 LITTLE (ARTHUR D.), INC., CAMBRIDGE, MASS.	<b>M</b>
[NASA-CASE-MSC-14428-1] c06 N74-19776 LITTLE (ARTHUR D.), INC., CAMBRIDGE, MASS. Apparatus for measuring thermal conductivity	MACON-RUST CO., LEXINGTON, KY.
[NASA-CASE-MSC-14428-1] c06 N74-19776 LITTLE (ARTHUR D.), INC., CAMBRIDGE, MASS. Apparatus for measuring thermal conductivity Patent	Stretcher Patent
[NASA-CASE-MSC-14428-1] c06 N74-19776 LITTLE (ARTROR D.), INC., CAMBRIDGE, MASS. Apparatus for measuring thermal conductivity Patent [NASA-CASE-XGS-01052] c14 N71-15992 Flame retardant elastomeric compositions	
[NASA-CASE-MSC-14428-1] c06 N74-19776  LITTLE (ARTHUR D.), INC., CAMBRIDGE, MASS.  Apparatus for measuring thermal conductivity Patent [NASA-CASE-XGS-01052] c14 N71-15992  Flame retardant elastomeric compositions [NASA-CASE-MSC-14331-1] c18 N73-27501	Stretcher Patent [NASA-CASE-XMP-06589] c05 N71-23159  **BARLTM-ROCKWELL CORP., JAMESTOWN, W.Y.  Drilled ball bearing with a one piece
[NASA-CASE-MSC-14428-1] c06 N74-19776  LITTLE (ARTHUR D.), INC., CAMBRIDGE, MASS.  Apparatus for measuring thermal conductivity Patent  [NASA-CASE-MSS-01052] c14 N71-15992  Flame retardant elastomeric compositions  [NASA-CASE-MSC-14331-1] c18 N73-27501  LITTON INDUSTRIES, BEVERLY HILLS, CALIF.	Stretcher Patent [NASA-CASE-XMT-06589] c05 N71-23159  KARLIM-ROCKWELL CORP., JAMESTOWN, W.Y.  Drilled ball bearing with a one piece anti-tipping cage assembly
[NASA-CASE-MSC-14428-1] C06 N74-19776  LITTLE (ARTHUR D.), INC., CAMBRIDGE, MASS. Apparatus for measuring thermal conductivity Patent [NASA-CASE-XGS-01052] C14 N71-15992 Flame retardant elastomeric compositions [NASA-CASE-MSC-14331-1] C18 N73-27501  LITTON INDUSTRIES, BEVERLY HILLS, CALIF. Life support system [NASA-CASE-MSC-12411-1] C05 N72-20096	Stretcher Patent [NASA-CASE-XMT-06589] c05 N71-23159  BABLIN-ROCKWELL CORP., JAMESTOWN, W.Y.  Drilled ball bearing with a one piece anti-tipping cage assembly [NASA-CASE-LEW-11925-1] c15 N74-18133
[NASA-CASE-MSC-14428-1] c06 N74-19776  LITTLE (ARTHUR D.), INC., CAMBRIDGE, MASS.  Apparatus for measuring thermal conductivity Patent [NASA-CASE-MSS-01052] c14 N71-15992  Flame retardant elastomeric compositions [NASA-CASE-MSC-14331-1] c18 N73-27501  LITTON INDUSTRIES, BEVERLY HILLS, CALIF.  Life support system [NASA-CASE-MSC-12411-1] c05 N72-20096  LITTON INDUSTRIES, COLLEGE PARK, ND.	Stretcher Patent [NASA-CASE-XMT-06589] c05 N71-23159  KARLIM-ROCKWELL CORP., JAMESTOWN, W.Y.  Drilled ball bearing with a one piece anti-tipping cage assembly
[NASA-CASE-MSC-14428-1] c06 N74-19776  LITTLE (ARTHUR D.), INC., CAMBRIDGE, MASS.  Apparatus for measuring thermal conductivity Patent  [NASA-CASE-MSC-01052] c14 N71-15992  Flame retardant elastomeric compositions  [NASA-CASE-MSC-14331-1] c18 N73-27501  LITTON INDUSTRIES, BEVERLY HILLS, CALIF.  Life support system  [NASA-CASE-MSC-12411-1] c05 N72-20096  LITTON INDUSTRIES, COLLEGE PARK, ND.  Shrink-fit gas valve Patent	Stretcher Patent [NASA-CASE-XMF-06589] c05 N71-23159  MARLIM-ROCKWELL CORP., JAMESTOWN, W.Y. Drilled ball bearing with a one piece anti-tipping cage assembly [NASA-CASE-LEW-11925-1] c15 N74-18133  MARQUARDT CORP., VAN NOTS, CALIF. Fuel injection pump for internal combustion engines Patent
[NASA-CASE-MSC-14428-1] C06 N74-19776  LITTLE (ARTHUR D.), INC., CAMBRIDGE, MASS.  Apparatus for measuring thermal conductivity Patent  [NASA-CASE-XGS-01052] C14 N71-15992  Flame retardant elastomeric compositions  [NASA-CASE-MSC-14331-1] C18 N73-27501  LITTON INDUSTRIES, BEVERLY HILLS, CALIF.  Life support system  [NASA-CASE-MSC-12411-1] C05 N72-20096  LITTON INDUSTRIES, COLLEGE PARK, ND.  Shrink-fit gas valve Patent  [NASA-CASE-XGS-00587] C15 N70-35087	Stretcher Patent [NASA-CASE-XMT-06589] c05 N71-23159  MARLIM-ROCKWELL CORP., JAMESTOWN, W.Y.  Drilled ball bearing with a one piece anti-tipping cage assembly [NASA-CASE-LEW-11925-1] c15 N74-18133  MARQUARDT CORP., VAN NOYS, CALIF. Fuel injection pump for internal combustion engines Patent [NASA-CASE-MSC-12139-1] c28 N71-14058
[NASA-CASE-MSC-14428-1] c06 N74-19776  LITTLE (ARTHUR D.), INC., CAMBRIDGE, MASS.  Apparatus for measuring thermal conductivity Patent [NASA-CASE-MSC-01052] c14 N71-15992  Flame retardant elastomeric compositions [NASA-CASE-MSC-14331-1] c18 N73-27501  LITTON INDUSTRIES, BEVERLY HILLS, CALIF.  Life support system [NASA-CASE-MSC-12411-1] c05 N72-20096  LITTON INDUSTRIES, COLLEGE PARK, MD.  Shrink-fit gas valve Patent [NASA-CASE-MSC-00587]  LITTON SYSTEMS, INC., MINNEAPOLIS, MINN.	Stretcher Patent [NASA-CASE-XMT-06589] c05 N71-23159  MARLIN-ROCKWELL CORP., JAMESTOWN, W.Y.  Drilled ball bearing with a one piece anti-tipping cage assembly [NASA-CASE-LEW-11925-1] c15 N74-18133  MARQUARDT CORP., VAN NUYS, CALIZ.  Fuel injection pump for internal combustion engines Patent [NASA-CASE-MSC-12139-1] c28 N71-14058 Multislot film cooled pyrolytic graphite rocket
[NASA-CASE-MSC-14428-1] C06 N74-19776  LITTLE (ARTHUR D.), INC., CAMBRIDGE, MASS.  Apparatus for measuring thermal conductivity Patent  [NASA-CASE-XGS-01052] C14 N71-15992  Flame retardant elastomeric compositions  [NASA-CASE-MSC-14331-1] C18 N73-27501  LITTON INDUSTRIES, BEVERLY HILLS, CALIF.  Life support system  [NASA-CASE-MSC-12411-1] C05 N72-20096  LITTON INDUSTRIES, COLLEGE PARK, MD.  Shrink-fit gas valve Patent  [NASA-CASE-XGS-00587] C15 N70-35087  LITTON SYSTEMS, INC., HINDRAPOLIS, HIND-  Apparatus for sampling particulates in gases  [NASA-CASE-HQN-10037-1] C14 N73-27376	Stretcher Patent [NASA-CASE-XMT-06589] c05 N71-23159  MARLIM-ROCKWELL CORP., JAMESTOWN, W.Y.  Drilled ball bearing with a one piece anti-tipping cage assembly [NASA-CASE-LEW-11925-1] c15 N74-18133  MARQUARDT CORP., VAN NOYS, CALIF. Fuel injection pump for internal combustion engines Patent [NASA-CASE-MSC-12139-1] c28 N71-14058
[NASA-CASE-MSC-14428-1] C06 N74-19776  LITTLE (ARTHUR D.), INC., CAMBRIDGE, MASS.  Apparatus for measuring thermal conductivity Patent  [NASA-CASE-XGS-01052] C14 N71-15992  Flame retardant elastomeric compositions  [NASA-CASE-MSC-14331-1] C18 N73-27501  LITTON INDUSTRIES, BEVERLY HILLS, CALIF.  Life support system  [NASA-CASE-MSC-12411-1] C05 N72-20096  LITTON INDUSTRIES, COLLEGE PARK, MD.  Shrink-fit gas valve Patent  [NASA-CASE-XGS-00587] C15 N70-35087  LITTON SYSTEMS, INC., MINNEAPOLIS, MINN.  Apparatus for sampling particulates in gases  [NASA-CASE-HQN-10037-1] C14 N73-27376  LOCKHEED AIECEAFT CORP., BURBARK, CALIF.	Stretcher Patent [NASA-CASE-XMT-06589] c05 N71-23159  KARLIM-ROCKWELL CORP., JAMESTOWN, W.Y.  Drilled ball bearing with a one piece anti-tipping cage assembly [NASA-CASE-LEW-11925-1] c15 N74-18133  MARQUARDT CORP., VAN NUYS, CALIF.  Fuel injection pump for internal combustion engines Patent [NASA-CASE-MSC-12139-1] c28 N71-14058  Multislot film cooled pyrolytic graphite rocket nozzle Patent [NASA-CASE-XNF-04389] c28 N71-20942  Tube sealing device Patent
[NASA-CASE-MSC-14428-1] c06 N74-19776  LITTLE (ARTHUR D.), INC., CAMBRIDGE, MASS.  Apparatus for measuring thermal conductivity Patent [NASA-CASE-XGS-01052] c14 N71-15992  Flame retardant elastomeric compositions [NASA-CASE-MSC-14331-1] c18 N73-27501  LITTON INDUSTRIES, BEVERLY HILLS, CALIF.  Life support system [NASA-CASE-MSC-12411-1] c05 N72-20096  LITTON INDUSTRIES, COLLEGE PARK, ND.  Shrink-fit gas valve Patent [NASA-CASE-XGS-00587] c15 N70-35087  LITTON SYSTEMS, INC., MINERAPOLIS, MINE.  Apparatus for sampling particulates in gases [NASA-CASE-HGN-10037-1] c14 N73-27376  LOCKHEED AIECHAFT CORP., BURBABK, CALIF.  Aerodynabic protection for space flight vehicles	Stretcher Patent [NASA-CASE-XMP-06589] c05 N71-23159  HABLITA-ROCKWELL CORP., JAHESTOWN, W.Y.  Drilled ball bearing with a one piece anti-tipping cage assembly [NASA-CASE-LEW-11925-1] c15 N74-18133  HARQUARDT CORP., VAN NUYS, CALIF.  Fuel injection pump for internal combustion engines Patent [NASA-CASE-MSC-12139-1] c28 N71-14058  Hultislot film cooled pyrolytic graphite rocket nozzle Patent [NASA-CASE-XNP-04389] c28 N71-20942  Tube sealing device Patent [NASA-CASE-NPO-10431] c15 N71-29132
[NASA-CASE-MSC-14428-1] C06 N74-19776  LITTLE (ARTHUR D.), INC., CAMBRIDGE, MASS.  Apparatus for measuring thermal conductivity Patent  [NASA-CASE-MSC-01052] C14 N71-15992  Flame retardant elastomeric compositions  [NASA-CASE-MSC-14331-1] C18 N73-27501  LITTON INDUSTRIES, BEVERLY HILLS, CALIF.  Life support system  [NASA-CASE-MSC-12411-1] C05 N72-20096  LITTON INDUSTRIES, COLLEGE PARK, MD.  Shrink-fit gas valve Patent  [NASA-CASE-MSC-00587] C15 N70-35087  LITTON SYSTEMS, INC., HINDEAPOLIS, MIND.  Apparatus for sampling particulates in gases  [NASA-CASE-HQN-10037-1] c14 N73-27376  LOCKHEED AIBCHAFT CORP., BURDANK, CALIF.  Aerodynabic protection for space flight vehicles Patent  [NASA-CASE-XNP-02507] C31 N71-17679	Stretcher Patent [NASA-CASE-XMP-06589] c05 N71-23159  HABLIN-ROCKWELL CORP., JAMESTOWN, W.Y. Drilled ball bearing with a one piece anti-tipping cage assembly [NASA-CASE-LEW-11925-1] c15 N74-18133  HARQUARDT CORP., VAN NUYS, CALIF. Fuel injection pump for internal combustion engines Patent [NASA-CASE-MSC-12139-1] c28 N71-14058  Hultislot film cooled pyrolytic graphite rocket nozzle Patent [NASA-CASE-XNP-04389] c28 N71-20942  Tube sealing device Patent [NASA-CASE-NPO-10431] c15 N71-29132  HABTIS HARIETTA CORP., BALTIHORE, ED.
[NASA-CASE-MSC-14428-1]	Stretcher Patent [NASA-CASE-XMP-06589] c05 N71-23159  HABLITA-ROCKWELL CORP., JAHESTOWN, W.Y.  Drilled ball bearing with a one piece anti-tipping cage assembly [NASA-CASE-LEW-11925-1] c15 N74-18133  HARQUARDT CORP., VAN NUYS, CALIF.  Fuel injection pump for internal combustion engines Patent [NASA-CASE-MSC-12139-1] c28 N71-14058  Hultislot film cooled pyrolytic graphite rocket nozzle Patent [NASA-CASE-XNP-04389] c28 N71-20942  Tube sealing device Patent [NASA-CASE-NPO-10431] c15 N71-29132
[NASA-CASE-MSC-14428-1]	Stretcher Patent [NASA-CASE-IMP-06589] c05 N71-23159  HABLITA-ROCKWELL CORP., JAHESTOWN, W.Y.  Drilled ball bearing with a one piece anti-tipping cage assembly [NASA-CASE-LEW-11925-1] c15 N74-18133  HARQUARDT CORP., VAN NUYS, CALIF. Fuel injection pump for internal combustion engines Patent [NASA-CASE-MSC-12139-1] c28 N71-14056  Hultislot film cooled pyrolytic graphite rocket nozzle Patent [NASA-CASE-IMP-04389] c28 N71-20942  Tube sealing device Patent [NASA-CASE-NPC-10431] c15 N71-29132  HARTIN HARIETTA CORP., BALTIMORE, ED. Landing gear Patent [NASA-CASE-NPC-1174] c02 N70-41589  Emergency escape system Patent
[NASA-CASE-MSC-14428-1]	Stretcher Patent [NASA-CASE-XMP-06589] CO5 N71-23159  HABLIN-ROCKWELL CORP., JAMESTOWN, W.Y. Drilled ball bearing with a one piece anti-tipping cage assembly [NASA-CASE-LEW-11925-1] Fuel injection pump for internal combustion engines Patent [NASA-CASE-MSC-12139-1] Multislot film cooled pyrolytic graphite rocket nozzle Patent [NASA-CASE-MSC-12139-1] Tube sealing device Patent [NASA-CASE-XNP-04389] Tube sealing device Patent [NASA-CASE-NPO-10431] C15 N71-29132  HABTIN HARIETTA CORP., BAITIMORE, ED. Landing gear Patent [NASA-CASE-XMF-01174] Emergency escape system Patent [NASA-CASE-XKS-02342] C05 N71-11199
[NASA-CASE-MSC-14428-1]	Stretcher Patent [NASA-CASE-XMP-06589]  MABLIM-ROCKWELL CORP., JAMESTOWN, W.Y. Drilled ball bearing with a one piece anti-tipping cage assembly [NASA-CASE-LEW-11925-1]  MARQUARDT CORP., VAN NOYS, CALIF. Fuel injection pump for internal combustion engines Patent [NASA-CASE-MSC-12139-1]  Multislot film cooled pyrolytic graphite rocket nozzle Patent [NASA-CASE-XNP-04389]  Tube sealing device Patent [NASA-CASE-NPO-10431]  MARTIM MARIETTA CORP., BALTIMORE, MD. Landing gear Patent [NASA-CASE-XMF-01174]  Emergency escape system Patent [NASA-CASE-XMF-01174]  Emergency escape system Patent [NASA-CASE-XMS-02342]  Device to prevent clogging in a hopper
[NASA-CASE-MSC-14428-1]	Stretcher Patent [NASA-CASE-XMP-06589] CO5 N71-23159  HABLIN-ROCKWELL CORP., JAMESTOWN, W.Y. Drilled ball bearing with a one piece anti-tipping cage assembly [NASA-CASE-LEW-11925-1] Fuel injection pump for internal combustion engines Patent [NASA-CASE-MSC-12139-1] Multislot film cooled pyrolytic graphite rocket nozzle Patent [NASA-CASE-MSC-12139-1] Tube sealing device Patent [NASA-CASE-XNP-04389] Tube sealing device Patent [NASA-CASE-NPO-10431] C15 N71-29132  HABTIN HARIETTA CORP., BAITIMORE, ED. Landing gear Patent [NASA-CASE-XMF-01174] Emergency escape system Patent [NASA-CASE-XKS-02342] C05 N71-11199
[NASA-CASE-MSC-14428-1]	Stretcher Patent [NASA-CASE-IMP-06589]  MARLIN-ROCKWELL CORP., JAMESTOWN, W.Y. Drilled ball bearing with a one piece anti-tipping cage assembly [NASA-CASE-LEW-11925-1]  Fuel injection pump for internal combustion engines Patent [NASA-CASE-MSC-12139-1]  Multislot film cooled pyrolytic graphite rocket nozzle Patent [NASA-CASE-MSC-12139-1]  Tube sealing device Patent [NASA-CASE-INP-04389]  Tube sealing device Patent [NASA-CASE-NP-010431]  C15 N71-29132  MARTIN MARIETTA CORP., BAITIMORE, ED. Landing gear Patent [NASA-CASE-XMF-01174]  Emergency escape system Patent [NASA-CASE-XMF-01174]  Energency escape system Patent [NASA-CASE-XMF-0161-1]  C02 N70-41589  Emergency escape system Patent [NASA-CASE-XMF-01174]  Energency escape system Patent [NASA-CASE-XMF-01174]  C05 N71-11199  Device to prevent clogging in a hopper [NASA-CASE-LAE-10961-1]  Variable ratio mixed-mode bilateral master-slave control system for Shuttle remote manipulator
[NASA-CASE-MSC-14428-1]	Stretcher Patent [NASA-CASE-IMP-06589]
[NASA-CASE-MSC-14428-1]	Stretcher Patent [NASA-CASE-IMP-06589]
[NASA-CASE-MSC-14428-1]	Stretcher Patent [NASA-CASE-XMP-06589]  ###################################
[NASA-CASE-MSC-14428-1]	Stretcher Patent [NASA-CASE-IMP-06589]
[NASA-CASE-MSC-14428-1]	Stretcher Patent [NASA-CASE-IMP-06589]  ###################################
[NASA-CASE-MSC-14428-1]	Stretcher Patent [NASA-CASE-IMP-06589]
[NASA-CASE-MSC-14428-1]	Stretcher Patent [NASA-CASE-IMP-06589]  **RARLIM-ROCKWELL CORP., JAHESTOWN, B.Y.**  Drilled ball bearing with a one piece anti-tipping cage assembly [NASA-CASE-LEW-11925-1]  FURCHING TORP., VAN NUTS, CALIF.  Fuel injection pump for internal combustion engines Patent [NASA-CASE-MSC-12139-1]  Tube sealing device Patent [NASA-CASE-INP-04389]  Tube sealing device Patent [NASA-CASE-NP-04389]  Tube sealing device Patent [NASA-CASE-NP-010431]  **CASE-NPO-10431]  **CASE-IMF-01174]  **Emergency escape system Patent [NASA-CASE-IMF-01174]  **Emergency escape system Patent [NASA-CASE-IMF-01174]  **Device to prevent clogging in a hopper [NASA-CASE-IMF-03442]  **Variable ratio mixed-mode bilateral master-slave control system for shuttle remote manipulator system [NASA-CASE-MSC-14245-1]  **CASE-IMF-01174]  **Variable ratio mixed-mode bilateral master-slave control system for shuttle remote manipulator system [NASA-CASE-MSC-14245-1]  **CASE-LAR-11224-1]  **NASA-CASE-MSC-13512-1]  **LOW distortion automatic phase control circuit [NASA-CASE-MFS-21671-1]  **COS N71-123159  **LOW distortion automatic phase control circuit [NASA-CASE-MFS-21671-1]  **COS N71-7211
[NASA-CASE-MSC-14428-1]	Stretcher Patent [NASA-CASE-IMP-06589]  **RALLT-ROCKWELL CORP., JAMESTOWN, W.Y.**  Drilled ball bearing with a one piece anti-tipping cage assembly [NASA-CASE-LEW-11925-1]  **Prediction pump for internal combustion engines Patent [NASA-CASE-MSC-12139-1]  **Case-MSC-12139-1]  **Case-MSC-12139-1]  **Case-MSC-12139-1]  **Case-MSC-12139-1]  **Case-MSC-12139-1]  **Case-MSC-12139-1]  **Case-MSC-12139-1]  **Case-MSC-12139-1]  **Case-MSC-12139-1]  **Case-MSC-104389]  **Case-MSC-MSSP]  **Case-MSC-MSP]  **Case-MSC-MSC-MSC-MSC-MSC-MSC-MSC-MSP]  **Case-MSC-MSC-MSC-MSC-MSC-MSC-MSC-MSC-MSC-MSC
[NASA-CASE-MSC-14428-1]	Stretcher Patent [NASA-CASE-IMP-06589]  MARLIN-ROCKWELL CORP., JAMESTOWN, W.Y.  Drilled ball bearing with a one piece anti-tipping cage assembly [NASA-CASE-LEW-11925-1]  MARQUARDT CORP., VAN NUYS, CALIZ.  Fuel injection pump for internal combustion engines Patent [NASA-CASE-MSC-12139-1]  C28 N71-14058  Multislot film cooled pyrolytic graphite rocket nozzle Patent [NASA-CASE-NFD-04389]  Tube sealing device Patent [NASA-CASE-INP-04381]  C15 N71-29132  MARTIN MARIETTA CORP., BALTIMORE, BD.  Landing gear Patent [NASA-CASE-XMF-01174]  Energency escape system Patent [NASA-CASE-XMF-01174]  Device to prevent clogging in a hopper [NASA-CASE-XKS-02342]  Device to prevent clogging in a hopper [NASA-CASE-LAR-10961-1]  Variable ratio mixed-mode bilateral master-slave control system for shuttle remote manipulator system [NASA-CASE-LAR-11224-1]  C15 N73-30832  Fiber separating and cleaning method and apparatus [NASA-CASE-LAR-11224-1]  C15 N73-22485  Low distortion automatic phase control circuit [NASA-CASE-MFS-21671-1]  C10 N73-17211  Derivation of a tangent function using an integrated circuit four-quadrant multiplier
[NASA-CASE-MSC-14428-1]	Stretcher Patent [NASA-CASE-IMP-06589]  #ABLITA-ROCKWELL CORP., JAHESTOWN, B.Y. Drilled ball bearing with a one piece anti-tipping cage assembly [NASA-CASE-LEW-11925-1]  ##ARQUARDT CORP., VAN NUTS, CALIF. Fuel injection pump for internal combustion engines Patent [NASA-CASE-MSC-12139-1]  ##ARQUARDT CORP., Datent [NASA-CASE-MSC-12139-1]  ##ARQUARDT CORP., DATENTAL CORP., BALTIMORE, ED.  ##ARQUARDT CORP., BALTIMORE, ED. Landing gear Patent [NASA-CASE-NPO-10431]  ##ARTHIN HARLETTA CORP., BALTIMORE, ED. Landing gear Patent [NASA-CASE-XKS-01174]  ##ARQUARDT COSE-XKS-02342]  Device to prevent clogging in a hopper [NASA-CASE-XKS-02342]  ##ARQUARDT COSE-XKS-0261-1]  ##ARQUARDT COSE-XKS-0361-1]  ##ARQUARDT COSE-XKS-0361-1  ##AR
[NASA-CASE-NSC-14028-1]	Stretcher Patent [NASA-CASE-IMP-06589]  ###################################
[NASA-CASE-NSC-14028-1] C06 N74-19776  LITTLE (ARTHUR D.), INC., CAMBRIDGE, MASS. Apparatus for measuring thermal conductivity Patent [NASA-CASE-XGS-01052] C14 N71-15992 Flame retardant elastomeric compositions [NASA-CASE-MSC-14331-1] C18 N73-27501  LITTON INDUSTRIES, BEVERLY HILLS, CALIF. Life support system [NASA-CASE-MSC-12411-1] C05 N72-20096  LITTON INDUSTRIES, COLLEGE PARK, MD. Shrink-fit gas valve Patent [NASA-CASE-XGS-00587] C15 N70-35087  LITTON SISTRMS, INC., NINBEAPOLIS, HIM. Apparatus for sampling particulates in gases [NASA-CASE-KGS-00587] C14 N73-27376  LOCKREED AIBCHAFT CORP., BURDARK, CALIF. Aerodynamic protection for space flight vehicles Patent [NASA-CASE-XNS-02507] C31 N71-17679  LOCKREED ELECTRORICS CO., HOUSTON, TRX. Television signal scan rate conversion system Patent [NASA-CASE-XNS-07168] C07 N71-11300  Burst synchronization detection system Patent [NASA-CASE-XNS-05605-1] C10 N71-19468  Automatic signal range selector for netering devices Patent [NASA-CASE-XNS-06497] C14 N71-26244  Monostable multivibrator with complementary NOR gates Patent [NASA-CASE-NSC-13492-1] C10 N71-28860  Method and apparatus for decoding compatible convolutional codes [NASA-CASE-NSC-14070-1] C07 N72-27178  Ultrastable calibrated light source [NASA-CASE-NSC-14070-1] C14 N72-27411  Differential phase shift keyed communication system [NASA-CASE-NSC-14065-1] C18 N73-10215  Differential phase shift keyed signal resolver [NASA-CASE-NSC-14066-1] C10 N73-10215  Random pulse generator	Stretcher Patent [NASA-CASE-IMP-06589]  BABLIN-ROCKEELL CORP., JAHESTOWN, B.Y.  Drilled ball bearing with a one piece anti-tipping cage assembly [NASA-CASE-LEW-11925-1]  [BASA-CASE-LEW-11925-1]  [BASA-CASE-LEW-11925-1]  [NASA-CASE-LEW-11925-1]  [NASA-CASE-LEW-11925-1]  [NASA-CASE-MAN NOVS, CALIF.  Fuel injection pump for internal combustion engines Patent [NASA-CASE-NEC-12139-1]  [NASA-CASE-NPC-04389]  [NASA-CASE-INP-04389]  [NASA-CASE-INP-04389]  [NASA-CASE-NPC-0431]  [NASA-CASE-NPC-0431]  [NASA-CASE-NPC-010431]  [NASA-CASE-NPC-01174]  [NASA-CASE-NPC-01174]  [NASA-CASE-XMF-01174]  [NASA-CASE-XMF-01174]  [NASA-CASE-XMS-02342]  [NASA-CASE-XMS-02342]  [NASA-CASE-LAE-10961-1]  [NASA-CASE-LAE-10961-1]  [NASA-CASE-LAE-10961-1]  [NASA-CASE-LAE-10961-1]  [NASA-CASE-LAE-10961-1]  [NASA-CASE-LAE-10961-1]  [NASA-CASE-LAE-10961-1]  [NASA-CASE-LAE-10961-1]  [NASA-CASE-LAE-10961-1]  [NASA-CASE-LAE-11224-1]  [NASA-CASE-NSC-14245-1]  [NASA-CASE-NSC-1421-1]  [NASA-CASE-NSC-13512-1]  [NASA-CASE-NSC-13512-1]  [NASA-CASE-NSC-13512-1]  [NASA-CASE-NSC-13907-1]  [NASA-CASE-NSC-13907-1]  [NASA-CASE-NSC-13907-1]  [NASA-CASE-NSC-13907-1]  [NASA-CASE-NSC-14273-1]  [NASA-CASE-NSC
[NASA-CASE-MSC-14428-1]	Stretcher Patent [NASA-CASE-IMP-06589]  ###################################

[NASA-CASE-GSC-10216-1] c23 N71-26722	Flame detector operable in presence of proton
ASSACHUSETTS INST. OF TECH., CAMBRIDGE. Pretreatment method for anti-wettable materials	radiation [NASA-CASE-MFS-21577-1] c03 N73-20042
[NASA-CASE-XMS-03537] c15 N69-21471	Thrust isolating mounting
Hydraulic drive mechanism Patent	[NASA-CASE-MFS-21680-1] c15 N73-20525
[NASA-CASE-XMS-03252] c15 N71-10658	Latching device [NASA-CASE-HPS-21606-1] c15 N73-22417
Electronic amplifier with power supply switching Patent	Vacuum leak detector
[NASA-CASE-XMS-00945] CO9 N71-10798	[NASA-CASE-LAR-11237-1] c14 N73-32344
Hethod and apparatus for stabilizing a gaseous	Phase-locked servo system  [NASA-CASE-HPS-22073-11 c09 N74-11058]
optical maser Patent [NASA-CASE-XGS-03644] c16 N71-18614	[NASA-CASE-HPS-22073-1] CO9 N/4-11058 DELLOS IUST-g PITTSBURGH, PA-
Power supply Patent	Instrument for measuring torsional creep and
[NASA-CASE-XMS-02159] c10 N71-22961	recovery Patent [NASA-CASE-XLE-01481] c14 N71-10781
Optical frequency waveguide Patent [NASA-CASE-HQN-10541-1] c07 N71-26291	[NASA-CASE-KLE-01481] C14 N71-10/81 GELPAR, IECL, FALLS CHORCH, VA.
[NASA-CASE-HON-10541-1] c07 N71-26291  Laser machining apparatus Patent	Television simulation for aircraft and space
[NASA-CASE-HQN-10541-2]c15 N71-27135	flight Patent
Optical frequency waveguide and transmission.	[NASA-CASE-XFR-03107] c09 H71-19449 Compact solar still Patent
system Patent [NASA-CASE-HQN-10541-4] c16 N71-27183	[NASA-CASE-XHS-04533] c15 N71-23086
Optical frequency waveguide and transmission	BETCOH, INC., SALBH, MASS.
System	Tuning arrangement for an electron discharge
[NASA-CASE-HQN-10541-3] c23 N72-23695 Display research collision warning system	device or the like Patent [NASA-CASE-XNP-09771] c09 N71-24841
[NASA-CASE-HQN-10703] c21 N73-13643	HICROHAVE BLECTRONICS CORP., PALO ALTO, CALIF.
Fault-tolerant clock apparatus	Folded traveling wave maser structure Patent
[NASA-CASE-ESC-12531-1] c14 N73-22386 Transparent suitchboard	[NASA-CASE-XMP-05219] c16 N71-15550 Superconducting magnet Patent
[NASA-CASE-MSC-13746-1] c10 N73-32143	[NASA-CASE-INP-06503] c23 N71-29049
CDONURLL AIRCRAPT CO., ST. LOUIS, HO.	HIDDEST RESEARCH IBST., KANSAS CITY, HO.
Bethod for making a heat insulating and ablative	Preparation of ordered poly /arylenesiloxane/
structure [NASA-CASE-XHS-01108] c15 N69-24322	polymers [NASA-CASE-XHF-10753] c06 N71-11237
	Inorganic solid film lubricants Patent
Heat flux sensor assembly [NASA-CASE-IBS-05909-1] c14 #69-27459 Apparatus for purging systems handling toxic	[NASA-CASE-XHF-03988] c15 N71-21403
Apparatus for purging systems handling toxic, corrosive, noxious and other fluids Patent	Fluorinated esters of polycarboxylic acids [NASA-CASE-MFS-21040-1] c06 N73-30098
[NASA-CASE-XMS-01905] c12 N71-21089	HILLIKEN (D. B.) CO., ARCADIA, CALIF.
Power supply circuit Patent	Film feed camera having a detent means Patent
[NASA-CASE-XMS-00913] c10 N71-23543	[NASA-CASE-LAR-10686] C14 N71-28935 HINNEAPOLIS-HONEYUELL REGULATOR CO., BINS.
CDONNELL-DOUGLAS ASTRONAUTICS CO., NEUPORT BEACH,	Bicroelectronic module package Patent
A meter for use in detecting tension in straps	[NASA-CASE-XHS-02182] c10 H71-28783
having predetermined elastic characteristics [NASA-CASE-MFS-22189-1] c14 H74-10421	HOTOBOLA, INC., PHOENIX, ARIZ.  Automatic frequency discriminators and control
COONERLL-DOUGLAS ASTRONAUTICS CO., SANTA HONICA,	for a phase-lock loop providing frequency
ALIF.	preset Capabilities Patent
New polymers of perfluorobutadiene and method of manufacture Patent application	[NASA-CASE-XAF-08665] c10 N71-19467 HOTOROLA, INC., SCOTTSDALE, ARIZ.
[NASA-CASE-NPO-10863]	Sealed cabinetry Patent
Bethod of polymerizing perfluorobutadiene Patent	[NASA-CASE-MSC-12168-1] C09 N71-18600
application [NASA-CASE-NPO-10447]	Digital frequency discriminator Patent [NASA-CASE-HFS-14322] c08 N71-18692
CDOBNELL-DOUGLAS CORP. , HUBTIEGTON BEACH, CALIF.	Phase modulator Patent
Variable direction force coupler	[NASA-CASE-HSC-13201-1] c07 W71-28429
[NASA-CASE-NFS-20317] c15 N73-13463	. , <b>∖.1</b>
A device for monitoring a change in mass [NASA-CASE-MFS-21556-1] c14 N73-20487	14
Potable water dispenser	DATIONAL ACADEMY OF SCIENCES - NATIONAL RESEARCH
[MASA-CASE-MFS-21115-1] c05 N74-12779 Hetering gun for dispensing precisely measured	COUNCIL, HASHINGTON, D.C. Converging barrel plasma accelerator Patent
charges of fluid	[NASA-CASE-ARC-10109] c25 #71-29181
[NASA-CASE-HPS-21163-1] C05 N74-17853	Riectron microscope aperture system
CDOSSELL-DOUGLAS CORP., LONG BEACH, CALIF.	[NASA-CASE-ARC-10448-1] c14 N72-21421 Automated method for studying the oxidative
A device for use in loading tension members [NASA-CASE-HFS-21488-1] c14 N73-23526	netabolism of aniline and similar compounds
A device for measuring tensile forces	[NASA-CASE-ARC-10469-1] c06 N72-31145
[NASA-CASE-HFS-21728-1] c14 N73-25467	Integrated, single channel type PET gyrator -
CDORBELL-DOUGLAS CORP., NEEPORT BEACH, CALIF.  Rethod of making membranes	[NASA-CASE-MFS-22343-1] c09 N73-18224 Gyrator employing field effect transistors
[ NASA-CASE-XNP-04264 ] CO3 N69-21337	[NASA-CASE-HFS-21433] c09 N73-20232
CROSSELL-DOUGLAS CORP., SANTA HONICA, CALIF.	Stagnation pressure probe
Rocket nozzle test method Patent [NASA-CASE-NPO-10311] c31 N71-15643	[NASA-CASE-LAE-11139-1] c14 H73-20483 Integrable power gyrator
Reaction of fluorine with polyperfluoropolyenes	[NASA-CASE-HF5-22342-1] c09 N73-24236
FNASA-CASE-NPO-10862] C06 N72-22107	Suppression of flutter
polymers of perfluorobutadiene and method of	[NASA-CASE-LAR-10682-1] c02 N73-26004 Holographic device
nanufacture [NASA-CASE-NPO-10863-2] c06 N72-25152	[NASA-CASE-NFS-22040-1] c16 N73-26500
prevention of hydrogen embrittlement of high	Optical data processing using paraboloidal
strenath steel	nirror segments [NASA-CASE-GSC-11296-1]
Chonnell-Douglas CORP., ST. LOUIS, HO.	[MASA-CASE-GSC-11296-1] c23 N73-30666 Power supply for carbon dioxide lasers
utilization of oxygen difluoride for syntheses	[NASA-CASE-GSC-11222-1] c16 N73-32391
of fluoropolymers	Electron picroscope aperture system
[NASA-CASE-NPO-12061-1] c06 N72-21100 Thermally conductive polymers	[NASA-CASE-ARC-10448-2] c14 N74-12190 Blectron microscope aperture system
[NASA-CASE-GSC-11304-1] c06 N72-21105	[NASA-CASE-ARC-10448-3] C14 N74-12191

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[NASA-CASE-XAR-03786] c09 N69-21313 Balanced bellows spirometer	
[MASA-CASE-IAR-01547] c05 M69-21473 Cryogenic apparatus for measuring the intensity	
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[NASA-CASE-NAC-02407] c14 N69-27423 Variable stiffness polymeric damper	
[NASA-CASE-YAC-11225] c14 N69-27486 Shock-layer radiation measurement	
[NASA-CASE-MAC-02970] c14 M69-39896 Protective circuit of the spark gap type	
[MASA-CASE-YAC-08981] C09 %69-39897 Ultra-flexible biomedical electrodes and wires	
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[NASA-CASE-XAC-00942] c10 N71-16042 Apparatus for measuring conductivity and	
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    [NASA-CASE-XFR-09479]
                                          c14 N69-27503
  System for communicating biomedical information
    by means of unmodified conventional voice
    communication systems Patent Application [WASA-CASE-PRC-10031] c05 W
                                          c05 N70-20717
  Three axis controller
                           Patent
    [NASA-CASE-XFR-00181]
                                          c21 N70-33279
  Catalyst bed removing tool Patent [NASA-CASE-XFR-00811]
                                          c15 #70-36901
  Two-axis controller Patent
    I NASA-CASE-XPR-041041
                                          CO3 N70-42073
  Controlled visibility device for an aircraft
    Patent
    [NASA-CASE-XPR-04147]
                                          c11 N71-10748
  Biomedical electrode arrangement Patent
  [WASA-CASE-MFR-10856]
Lifting body Patent Application
                                          c05 N71-11189
    [ BASA-CASE-PRC-10063 ]
                                          c01 N71-12217
  Energy management system for glider type vehicle
    Patent
    [NASA-CASE-XFR-00756]
                                          c02 N71-13421
  Quick attach mechanism
                            Patent
    [ NASA-CASE-XFR-05421 ]
                                          c15 N71-22994
  Heat flux measuring system Patent
    [NASA-CASE-XFR-03802]
                                          c33 N71-23085
  Threadless fastener apparatus Patent
    [NASA-CASE-XPR-05302]
                                          c15 N71-23254
  Traversing probe Patent [NASA-CASE-XFR-02007]
                                          c12 N71-24692
  Layout tool Patent
    [NASA-CASE-PRC-10005]
                                          c15 N71-26145
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Pulsed excitation voltage circuit for transducers	[NASA-CASE-XGS-02608] C07 N70-41678
[NASA-CASE-FRC-10036] CO9 N72-22200	Prevention of pressure build-up in
Acoustical transducer calibrating system and	electrochemical cells Patent
apparatus	[NASA-CASE-XGS-01419] c03 N70-41864
[NASA-CASE-FRC-10060-1] c14 N73-27379	Variable time constant smoothing circuit Patent
Three-axis adjustable loading structure	[NASA-CASE-XGS-01983] C10 N70-41964
[NASA-CASE-FRC-10051-1] c14 N74-13129	Endless tape transport mechanism Patent
Terminal guidance system	[NASA-CASE-XGS-01223] c07 N71-10609
. [NASA-CASE-PRC-10049-1] c21 N74-13420	Reversible ring counter employing cascaded
Pull wave modulator-demodulator amplifier	single SCR stages Patent
apparatus	[NASA-CASE-XGS-01473] c09 H71-10673
[NASA-CASE-FRC-10072-1] c09 N74-14939	Electronic beam switching commutator Patent [NASA-CASE-XGS-01451] c09 N71-10677
Rotating raster generator	
[NASA-CASE-FRC-10071-1] CO7 N74-20813 NATIONAL ARBONAUTICS AND SPACE ADMINISTRATION.	Sun tracker with rotatable plane-parallel plate
GODDARD SPACE FLIGHT CENTER, GREENBELT, ED.	and two photocells Patent [NASA-CASE-XGS-01159] c21 N71-10678
Regulated do to do converter	Non-magnetic battery case Patent
[NASA-CASE-XGS-03429] c03 N69-21330	[NASA-CASE-XGS-00886] c03 N71-11053
Apparatus for measuring swelling characteristics	Interconnection of solar cells Patent
of membranes	[NASA-CASE-XGS-01475]
[NASA-CASE-XGS-03865] c14 N69-21363	Frequency shift keyed demodulator Patent.
Tumbler system to provide random motion	[NASA-CASE-XGS-02889] c07 N71-11282
[NASA-CASE-XGS-02437] c15 H69-21472	Bi-polar phase detector and corrector for split
Automatic acquisition system for phase-lock loop	phase PCM data signals Patent
[NASA~CASE-XGS-04994] c09 N69-21543	[ NASA-CASE-XGS-01590 ] C07 N71-12392
Low power drain semi-conductor circuit	Data processor having multiple sections
[NASA-CASE-XGS-04999] c09 N69-24317	activated at different times by selective
Spacecraft battery seals	power coupling to the sections Patent
[NASA-CASE-XGS-03864] c15 N69-24320	[NASA-CASE-XGS-04767] c08 N71-12494
Scanning aspect sensor employing an apertured	Position location system and method: Patent
disc and a commutator	[NASA-CASE-GSC-10087-2] c21 N71-13958
[NASA-CASE-XGS-08266] c14 N69-27432	Fire resistant coating composition Patent
Monopulse system with an electronic scanner	[ WASA-CASE-GSC-10072 ] c18 N71-14014
[NASA-CASE-XGS-05582] c07 N69-27460 Ring counter	Passively regulated water electrolysis rocket
[NASA-CASE-XGS-03095] c09 N69-27463	engine Patent [NASA-CASB-XGS-08729] c28 N71-14044
Retrodirective_optical system	Attitude control system Patent
[NASA-CASE-XGS-04480] c16 N69-27491	[NASA-CASE-XGS-04393] C21 N71-14159
Time division multiplex system	Retrodirective modulator Patent
[NASA-CASE-XGS-05918] c07 N69-39974	[NASA-CASE-GSC-10062] c14 N71-15605
Doppler frequency spread correction device for	Spacecraft attitude detection system by stellar
multiplex transmissions	reference Patent
[NASA-CASE-XGS-02749] c07 N69-39978	[NASA-CASE-XGS-03431] c21 N71-15642
Alkali-metal silicate protective coating	Cartuheel satellite synchronization system Patent
[NASA-CASE-XGS-04119] c18 N69-39979	[NASA-CASE-XGS-05579] c31 N71-15676
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and for subjecting naterials to electron	[NASA-CASE-XGS-01587] c14 N71-15962
irradiation in an electron microscope	Low friction magnetic recording tape Patent
[NASA-CASE-XGS-01725] c14 N69-39982	[NASA-CASE-KGS-00373] c23 N71-15978
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Method and apparatus for determining satellite	Bacteriostatic conformal coating and methods of
orientation utilizing spatial energy sources	application Patent
Patent	[NASA-CASE-GSC-10007] c18 N71-16046
[NASA-CASE-XGS-00466] c21 N70-34297	Serrodyne frequency converter re-entrant
Binary magnetic memory device Patent	amplifier system Patent
[NASA-CASE-XGS-00174] COS N70-34743	[NASA-CASE-XGS-01022] c07 N71-16088
Full binary adder Patent	Position location and data collection system and
[NASA-CASE-XGS-00689] c08 N70-34787	method Patent
Ultra-long monostable multivibrator employing	[NASA-CASE-GSC-10083-1] c30 N71-16090
bistable semiconductor switch to allow	Position sensing device employing misaligned
charging of timing circuit Patent	magnetic field generating and detecting
[NASA-CASE-IGS-00381]	apparatus Patent
Controlled caging and uncaging mechanism Patent	[NASA-CASE-XGS-07514] c23 N71-16099
Application	Optical tracker having overlapping reticles on
[NASA-CASE-GSC-11063-1] c03 N70-35584 Space and atmospheric reentry vehicle Patent	parallel axes Patent [NASA-CASE-XGS-05715] c23 N71-16100
[MASA-CASE-IGS-00260] c31 N70-37924	[NASA-CASE-IGS-05715] c23 N71~16100 Self-erecting reflector Patent
Variable frequency magnetic multivibrator Patent	[NASA-CASE-KGS-09190] c31 N71-16102
[NASA-CASE-XGS-00458] C09 N70-38604	Dust particle injector for hypervelocity
Switching mechanism with energy storage means	accelerators Patent
Patent	[NASA-CASE-XGS-06628] c24 N71-16213
[NASA-CASE-KGS-00473] c03 N70-38713	Ellipsoidal mirror reflectometer including means
variable frequency magnetic multivibrator Patent	for averaging the radiation reflected from the
[NASA-CASE-XGS-00131] c09 N70-38995	sample Patent
Stretch de-spin mechanism Patent	[NASA-CASE-KGS-05291] c23 N71-16341
[NASA-CASE-XGS-00619] C30 N70-40016	Angular position and velocity sensing apparatus
Folding boom assembly Patent	Patent
[NASA-CASE-XGS-00938]	[NASA-CASE-KGS-05680] C14 N71-17585
Cryogenic connector for vacuum use Patent	Apparatus for controlling the velocity of an
[NASA-CASE-IGS-02441] c15 N70-41629	electromechanical drive for interferometers
Endless tape cartridge Patent [NASA-CASE-XGS-00769] c14 N70-41647	and the like Patent [NASA-CASE-XGS-03532] c14 N71-17627
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[NASA-CASE-XGS-01231] c14 N70-41676	Sethod of making tubes Patent
method and apparatus for determining	[NASA-CASE-XGS-04175] c15 N71-18579
electromagnetic characteristics of large	Pulse-type magnetic core memory element circuit

[NASA-CASE-XGS-03303] c08 N71-18595 Ripple add and ripple subtract binary counters
Patent [NASA-CASE-XGS-04766]
Computing apparatus Patent
Stepping motor control circuit Patent
[NASA-CASE-GSC-10366-1] c10 N71-18772 Traffic control system and method Patent
[NASA+CASE-GSC-10087+1] C02 N/1-1928/
[NASA-CASE-XGS-02439] C14 N71-19431
Synchronous counter Patent [NASA-CASE-XGS-02440] c08 N71-19432
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[NASA-CASE-MGS-04768] COS N71-19437 Method and apparatus for battery charge control
Patent [NASA-CASE-XGS-05432] C03 N71-19438
Stable amplifier having a stable quiescent point
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Tracking antenna system Patent [NASA-CASE-GSC-10553-1] c07 N71-19854
Electrochemical coulometer and method of forming
same Patent [NASA-CASE-XGS-05434] c03 N71-20491
Display for binary characters Patent [NASA-CASE-XGS-04987] C08 N71-20571
Amplifier clamping circuit for horizon scanner
Patent [NASA-CASE-XGS-01784] c10 N71-20782
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[NASA-CASE-XGS-01222] c10 N71-20841
Signal detection and tracking apparatus Patent [NASA-CASE-XGS-03502] c10 N71-20852
Polarization diversity monopulse tracking receiver Patent
[NASA-CASE-XGS-03501] c09 N71-20864
System for recording and reproducing pulse code modulated data Patent
[NASA-CASE-XGS-01021] CO8 N71-21042 Satellite appendage tie down cord Patent
[NASA-CASE-XGS-02554] c31 N71-21064
Reaction wheel scanner Patent [NASA-CASE-IGS-02629] c14 N71-21082
Nonmagnetic, explosive actuated indexing device Patent
[NASA-CASE-XGS-02422] c15 N71-21529 Bidirectional step torque filter with zero
backlash characteristic Patent
[NASA-CASE-XGS-04227] c15 N71-21744 Conforming polisher for aspheric surface of
revolution Patent [NASA-CASE-KGS-02884] c15 N71-22705
Precision thrust gage Patent
[NASA-CASE-IGS-02319] c14 N71-22965 Sealing device for an electrochemical cell Patent
[NASA-CASE-KGS-02630] c03 N71-22974 Rotary bead dropper and selector for testing
micrometeorite detectors Patent
[NASA-CASE-KGS-03304] c09 N71-22988 Moment of inertia test fixture Patent
[NASA-CASE-XGS-01023] c14 N71-22992 Pluid flow meter with comparator reference means
Patent
[NASA-CASE-XGS-01331] c14 N71-22996 Foamed in place ceramic refractory insulating
material Patent [NASA-CASE-XGS-02435] c18 N71-22998
Digital telemetry system Patent
[NASA-CASE-XGS-01812] c07 N71-23001 Bonded elastomeric seal for electrochemical
cells Patent [NASA-CASE-XGS-02631]
Apparatus providing a directive field pattern
and attitude sensing of a spin stabilized satellite Patent
[NASA-CASE-IGS-02607] c31 N71-23009 Complementary regenerative switch Patent
[NASA-CASE-XGS-02751] c09 N71-23015
Solid state pulse generator with constant output width, for variable input width, in manosecond
range Patent

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Sidereal frequency generator Patent
 [ NASA-CASE-XGS-02610]
                                        c14 N71-23174
Solar cell and circuit array and process for
  nullifying magnetic fields Patent
[NAS1-CASE-IGS-03390] C03 N71-2
Passive synchronized spike generator with high
                                        c03 N71-23187
  input impedance and low output impedance and
  capacitor power supply Patent
  [ NASA-CASE-XGS-03632 ]
Sealed electrochemical cell provided with a
  flexible casing Patent [NASA-CASE-XGS-01513]
                                        c03 · N71-23336
Digitally controlled frequency synthesizer Patent
  [NASA-CASE-XGS-02317]
                                        c09 N71-23525
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                                        c09 N71-23573
  [NASA-CASE-XGS-01418]
Apparatus for phase stability determination Patent
  NASA-CASE-XGS-01118]
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                                        c14 N71-23698
Balance torquemeter
                      Patent
                                        c14 N71-23725
  [NASA-CASE-XGS-01013]
Mechanical actuator
                      Patent
  [NASA-CASE-XGS-04548]
                                        c15 N71-24045
Selective plating of etched circuits without
  removing previous plating Patent [NASA-CASE-XGS-03120]
                                        c15 N71-24047
Alkali metal silicate protective coating Patent
[NASA-CASE-KGS-04799] c18 N71-24183
Strain gauge measuring techniques Patent [NASA-CASE-XGS-04478] c14
                                        c14 N71-24233
Electromagnetic polarization systems and methods
  Patent
  [NASA-CASE-GSC-10021-1]
                                        c09 N71-24595
Redundant actuating mechanism Patent
  [NASA-CASE-XGS-09718]
                                        c15 N71-24600
Satellite communication system and method Patent
                                        c07 N71-24621
  [NASA-CASE-GSC-10118-1]
Programmable telemetry system Patent
  [NASA-CASE-GSC-10131-1]
                                        c07 N71-24624
Coulometer and third electrode battery charging
  circuit Patent
  [NASA-CASE-GSC-10487-1]
                                        c03 N71-24719
Electronic scanning of 2-channel monopulse
  patterns Patent
  [NASA-CASE-GSC-10299-1]
                                        c09 N71-24804
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  [NASA-CASE-GSC-10709-1]
                                        c28 N71-25213
Voltage to frequency converter Patent [NASA-CASE-GSC-10022-1] c
                                        c10 N71-25882
Direct current notor with stationary armature
  and field Patent
  [NASA-CASE-XGS-05290]
                                        c09 N71-25999
Buck hoost voltage regulation circuit Patent
  [NASA-CASE-GSC-10735-1]
                                        c10 N71-26085
Adaptive system and method for signal generation
  Patent
  [NASA-CASE-GSC-11367]
                                        c10 N71-26374
Control apparatus for applying pulses of
  selectively predetermined duration to a sequence of loads Patent
  [ NASA-CASE-XGS-04224 ]
                                        c10 N71-26418
Turn on transient limiter Patent
  [NASA-CASE-GSC-10413]
                                         c10 N71-26531
Voltage regulator with plural parallel power
  source sections Patent
  [ NASA-CASE-GSC-10891-1]
                                         c10 N71-26626
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                                        c19 N71-26674
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Resettable monostable pulse generator Patent
                                        c09 x71-27016
  [NASA-CASE-GSC-11139]
Micro-pound extended range thrust stand Patent [NASA-CASE-GSC-10710-1] c28 N71-2
                                        c28 N71-27094
Synchronous dc direct drive system Patent
  [ NASA-CASE-GSC-10065-1 ]
                                        c10 x71-27136
Intenna array at focal plane of reflector with
coupling network for beam switching Patent
  [ NASA-CASE-GSC-10220-1]
                                         c07 N71-27233
Gravity gradient attitude control system Patent
  [NASA-CASE-GSC-10555-1]
                                        c21 N71-27324
Magnetic bearing Patent Application
  [ NASA-CASE-GSC-11079-1 ]
                                        c21 N71-28461
Segmented superconducting magnet for a broadband
  traveling wave maser Patent
  [ NA SA-CASE-IGS-10518]
                                         c16 N71-28554
Millimeter wave antenna system Patent Application
  [ NA SA-CASE-GSC-10949-1 ]
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Sampled data controller
                            Patent
  [NASA-CASE-GSC-10554-1]
                                         c08 N71-29033
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Variable digital processor including a register	[NASA-CASE-GSC-11291-1] c25 N72-33696
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NASA-CASE-GSC-10186] c08 N71-33110	Passive dual spin misalignment compensators [NASA-CASE-CSC-11479-1] c21 N73-11680
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of uniform size	method and apparatus for determining the
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Combustion products generating and metering device	[NASA-CASE-GSC-10903-1] C14 N/3-12444 System for stabilizing torque between a balloon
[NASA-CASE-GSC-11095-1] c14 N72-10375	
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[NASA-CASE-GSC-10880-1] c08 N72-11172	Diffuse reflective coating
Helical recorder arrangement for multiple	[NASA-CASE-GSC-11214-1] c06 N73-13128
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[NASA-CASE-GSC-10614-1] c09 N72-11224	signals
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without destroying spatial coherence	Image tube
[NASA-CASE-GSC-11133-1] c23 N72-11568	[NASA-CASE-GSC-11602-1] C09 N73-13214
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[NASA-CASE-GSC-10087-3] CO7 N72-12080	FNASA-CASE-GSC~11302-1) C14 N73-13416
Facsimile video remodulation network	Method and system for ejecting fairing sections
[NASA-CASE-GSC-10185-1] c07 N72-12081	from a rocket vehicle
Frangible electrochemical cell	[NASA-CASE-GSC-10590-1] c31 N73-14853
[NASA-CASE-XGS-10010] c03 N72-15986	Plural beam antenna [Nasa-Case-GSC-11013-11]
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[NASA-CASE-GSC-10780-1] c14 N72-16283	Bonding of sapphire to sapphire by eutectic mixture aluminum oxide and zirconium oxide
Minimech self-deploying boom mechanism	[NASA-CASE-GSC-11577-1] c15 N73-19467
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Heated porous plug microthrustor  [NASA-CASE-GSC-10640-1]	production thereof
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Optimum performance spacecraft solar cell system [NASA-CASE-GSC-10669-1]	Delayed simultaneous release mechanism
Monostable multivibrator	[ NASA-CASE-GSC-10814-1 ] CO3 N73-20039
[NASA-CASE-GSC-10082-1] C10 N72-20221	Doppler compensation by shifting transmitted
Roll alignment detector	object frequency within limits
[NASA-CASE-GSC-10514-1] c14 N72-20379	[NASA-CASE-GSC-10087-4] c07 N73-20174
Cosmic dust sensor	Telemetry processor
[NASA-CASE-GSC-10503-1] C14 N72-20381	[NASA-CASE-GSC-11388-1] c07 N73-24187
Solenoid walwe including guide for armature and	Signal-to-noise ratio determination circuit
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[NASA-CASE-GSC-10607-1] c15 N72-20442	Nutation damper [NASA-CASE-GSC-11205-1] c15 N73-25513
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[NASA-CASE-GSC-10878-1] c10 N72-22236 Trap for preventing diffusion pump backstreaming	preparation thereof
[NASA-CASE-GSC-10518-1] C15 N72-22489	[NASA-CASE-GSC-11358-1] C06 N73-26100
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[NASA-CASE-GSC-10913] c15 N72-22491	body fluids
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SCR lamp driver	luciferase using reduced pressure and
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Lanca	assemblies and the products formed thereby
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[NASA-CASE-GSC-11211-1] CO3 N/2-25020 Flavin coenzyme assay	Device for determining relative angular position
[NASA-CASE-GSC-10565-1] c06 N72-25149	between a spacecraft and a radiation emitting
Location identification system	celestial body
rnasa-case-erc-103241 c07 n/2-251/3	[NASA-CASE-GSC-11444-1] c14 N73-28490
A dc to ac to dc converter having transistor	Hicroscope multi-angle, reflection, viewing
synchronous rectifiers	adaptor and photographic recording system
.rnasa-case-gsc-11126-1] c09 N72-25253	[NASA-CASE-GSC-11690-1] c14 N73-28499
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[NASA-CASE-GSC-10695-1] c09 N72-25259	[
Bacterial contamination monitor	Spacecraft attitude sensor [NASA-CASE-GSC-10890-1] c21 N73-30640
	Digital phase locked loop
Roneycomb panels formed of minimal surface	[NASA-CASE-GSC-11623-1] c10 N73-31202
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Honeycomb core structures of minimal surface	detect microorganism in biological samples by measuring light reactions
Honeycomb dore structures of minimal surrace tubule sections [NASA-CASE-BRC-10363] c18 R72-25541	detect microorganism in biological samples by measuring light reactions [MASA-CASE-GSC-11169-2] C05 N73-32011
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Honeycomb dore structures of minimal surface tubule sections [NASA-CASE-ERC-10363] c18 N72-25541 Gunn-type solid state devices [NASA-CASE-IER-07895] c26 N72-25679 Use of unilluminated solar cells as shunt diodes	detect microorganism in biological samples by measuring light reactions [MASA-CASE-GSC-11169-2] c05 N73-32011 Radiation hardening of MOS devices by boron [NASA-CASE-GSC-11425-2] c09 N73-32114 Dish antenna having switchable beamwidth
Honeycomb core structures of minimal surface tubule sections [NASA-CASE-BRC-10363] c18 R72-25541  Gunn-type solid state devices [NASA-CASE-IER-07895] c26 N72-25679  Use of unilluminated solar cells as shunt diodes for a solar array	detect microorganism in biological samples by measuring light reactions [NASA-CASE-GSC-11169-2]
Honeycomb dore structures of minimal surface tubule sections [NASA-CASE-BRC-10363] c18 N72-25541 Gunn-type solid state devices [NASA-CASE-IER-07895] c26 N72-25679 Use of unilluminated solar cells as shunt diodes for a solar array [NASA-CASE-GSC-10344-11 c03 N72-27053	detect microorganism in biological samples by measuring light reactions [NASA-CASE-GSC-11169-2]
Honeycomb dore structures of minimal surface tubule sections [NASA-CASE-ERC-10363] c18 N72-25541 Gunn-type solid state devices [NASA-CASE-IER-07895] c26 N72-25679 Use of unilluminated solar cells as shunt diodes for a solar array [NASA-CASE-GSC-10344-1] c03 N72-27053 his conditioning system and component therefore	detect microorganism in biological samples by measuring light reactions [MASA-CASE-GSC-11169-2] c05 N73-32011 Radiation hardening of MOS devices by boron [NASA-CASE-GSC-11425-2] c09 N73-32114 Dish antenna having switchable beamwidth [NASA-CASE-GSC-11760-1] c09 N73-32116 Alphanumeric character generator for oscilloscopes [NASA-CASE-GSC-11582-1] c09 N73-32120
Honeycomb core structures of minimal surface tubule sections  [NASA-CASE-BRC-10363] c18 N72-25541  Gunn-type solid state devices  [NASA-CASE-IER-07895] c26 N72-25679  Use of unilluminated solar cells as shunt diodes for a solar array  [NASA-CASE-6SC-10344-1] c03 N72-27053  Air conditioning system and component therefore distributing air flow from opposite directions	detect microorganism in biological samples by measuring light reactions [NASA-CASE-GSC-11169-2] c05 N73-32011 Radiation hardening of MOS devices by boron [NASA-CASE-GSC-11425-2] c09 N73-32114 Dish antenna having switchable beamwidth [NASA-CASE-GSC-11760-1] c09 N73-32116 Alphanumeric character generator for oscilloscopes [NASA-CASE-GSC-11582-1] c09 N73-32120 Star tracking reticles
Honeycomb čore structures of minimal surface tubule sections  [NASA-CASE-BRC-10363] c18 R72-25541  Gunn-type solid state devices  [NASA-CASE-IER-07895] c26 N72-25679  Use of unilluminated solar cells as shunt diodes for a solar array  [NASA-CASE-GSC-10344-1] c03 N72-27053  Air conditioning system and component therefore distributing air flow from opposite directions  [NASA-CASE-GSC-11445-4] c15 N72-28503	detect microorganism in biological samples by measuring light reactions [NASA-CASE-GSC-11169-2] c05 N73-32011 Radiation hardening of MOS devices by boron [NASA-CASE-GSC-11425-2] c09 N73-32114 Dish antenna having switchable beamwidth [NASA-CASE-GSC-11760-1] c09 N73-32116 Alphanumeric character generator for oscilloscopes [NASA-CASE-GSC-11562-1] c09 N73-32120 Star tracking reticles
Honeycomb core structures of minimal surface tubule sections  [NASA-CASE-BRC-10363] c18 N72-25541  Gunn-type solid state devices  [NASA-CASE-IER-07895] c26 N72-25679  Use of unilluminated solar cells as shunt diodes for a solar array  [NASA-CASE-GSC-10344-1] c03 N72-27053  Air conditioning system and component therefore distributing air flow from opposite directions  [NASA-CASE-GSC-11445-4] c15 N72-28503  Active tuned circuit	detect microorganism in biological samples by measuring light reactions [NASA-CASE-GSC-11169-2]
Honeycomb dore structures of minimal surface tubule sections  [NASA-CASE-BRC-10363] c18 R72-25541  Gunn-type solid state devices  [NASA-CASE-IER-07895] c26 R72-25679  Use of unilluminated solar cells as shunt diodes for a solar array  [NASA-CASE-GSC-10344-1] c03 R72-27053  Air conditioning system and component therefore distributing air flow from opposite directions  [NASA-CASE-GSC-11445-1] c15 R72-28503  Active tuned circuit  [NASA-CASE-GSC-11340-1] c10 R72-33230  Apparatus for controlling the temperature of	detect microorganism in biological samples by measuring light reactions [MASA-CASE-GSC-11169-2]
Honeycomb core structures of minimal surface tubule sections  [NASA-CASE-BRC-10363] c18 N72-25541  Gunn-type solid state devices  [NASA-CASE-IER-07895] c26 N72-25679  Use of unilluminated solar cells as shunt diodes for a solar array  [NASA-CASE-GSC-10344-1] c03 N72-27053  Air conditioning system and component therefore distributing air flow from opposite directions  [NASA-CASE-GSC-11445-4] c15 N72-28503  Active tuned circuit  [NASA-CASE-GSC-11340-1] c10 N72-33230  Apparatus for controlling the temperature of balloom borne equipment	detect microorganism in biological samples by measuring light reactions [NASA-CASE-GSC-11169-2]
Honeycomb dore structures of minimal surface tubule sections [NASA-CASE-BRC-10363] c18 N72-25541 Gunn-type solid state devices [NASA-CASE-IER-07895] c26 N72-25679 Use of unilluminated solar cells as shunt diodes for a solar array [NASA-CASE-GSC-10344-1] c03 N72-27053 Air conditioning system and component therefore distributing air flow from opposite directions [NASA-CASE-GSC-11445-1] c15 N72-28503 Active tuned circuit [NASA-CASE-GSC-11340-1] c10 N72-33230 Apparatus for controlling the temperature of balloon borne equipment	detect microorganism in biological samples by measuring light reactions [NASA-CASE-GSC-11169-2]
Honeycomb dore structures of minimal surface tubule sections  [NASA-CASE-BRC-10363] c18 N72-25541  Gunn-type solid state devices  [NASA-CASE-BRC-07895] c26 N72-25679  Use of unilluminated solar cells as shunt diodes for a solar array  [NASA-CASE-GSC-10344-1] c03 N72-27053  Air conditioning system and component therefore distributing air flow from opposite directions  [NASA-CASE-GSC-11445-1] c15 N72-28503  Active tuned circuit  [NASA-CASE-GSC-11340-1] c10 N72-33230  Apparatus for controlling the temperature of balloon borne equipment  [NASA-CASE-GSC-11620-1] c14 N72-33379  Flectric motive machine including magnetic bearing	detect microorganism in biological samples by measuring light reactions [NASA-CASE-GSC-11169-2]
Honeycomb dore structures of minimal surface tubule sections  [NASA-CASE-BRC-10363] c18 R72-25541  Gunn-type solid state devices  [NASA-CASE-IER-07895] c26 N72-25679  Use of unilluminated solar cells as shunt diodes for a solar array  [NASA-CASE-GSC-10344-1] c03 N72-27053  Air conditioning system and component therefore distributing air flow from opposite directions  [NASA-CASE-GSC-11445-1] c15 N72-28503  Active tuned circuit  [NASA-CASE-GSC-11340-1] c10 N72-33230  Apparatus for controlling the temperature of balloon borne equipment  [NASA-CASE-GSC-11620-1] c14 N72-33379  Electric motive machine including magnetic bearing [NASA-CASE-XGS-07805] c15 N72-33476	detect microorganism in biological samples by measuring light reactions [NASA-CASE-GSC-11169-2]
Honeycomb čore structures of minimal surface tubule sections [NASA-CASE-BRC-10363] c18 N72-25541 Gunn-type solid state devices [NASA-CASE-IER-07895] c26 N72-25679 Use of unilluminated solar cells as shunt diodes for a solar array [NASA-CASE-GSC-10344-1] c03 N72-27053 Air conditioning system and component therefore distributing air flow from opposite directions [NASA-CASE-GSC-11445-4] c15 N72-28503 Active tuned circuit [NASA-CASE-GSC-11340-1] c10 N72-33230 Apparatus for controlling the temperature of balloom borne equipment [NASA-CASE-GSC-11620-1] c14 N72-33379 Electric motive machine including magnetic bearing [NASA-CASE-KSS-07805] Cormic dust or other similar outer space	detect microorganism in biological samples by measuring light reactions [NASA-CASE-GSC-11169-2]
Honeycomb dore structures of minimal surface tubule sections  [NASA-CASE-BRC-10363] c18 R72-25541  Gunn-type solid state devices  [NASA-CASE-IER-07895] c26 N72-25679  Use of unilluminated solar cells as shunt diodes for a solar array  [NASA-CASE-GSC-10344-1] c03 N72-27053  Air conditioning system and component therefore distributing air flow from opposite directions  [NASA-CASE-GSC-11445-1] c15 N72-28503  Active tuned circuit  [NASA-CASE-GSC-11340-1] c10 N72-33230  Apparatus for controlling the temperature of balloon borne equipment  [NASA-CASE-GSC-11620-1] c14 N72-33379  Electric motive machine including magnetic bearing [NASA-CASE-XGS-07805] c15 N72-33476	detect microorganism in biological samples by measuring light reactions [NASA-CASE-GSC-11169-2]

Ultraviolet light reflective coating	Autoignition test cell Patent
[NASA-CASE-GSC-11786-1] c18 N74-10542	[ NASA-CASE-KSC-10198] c11 N71-28629
Recorder/processor apparatus	Protective suit having an audio transceiver Patent,
[NASA-CASE-GSC-11553-1] c07 N74-15831	[NASA-CASE-KSC-10164] c07 N71-33108
Axially and radially controllable magnetic bearing	Ripple indicator
[NASA-CASE-GSC-11551-1] c15 N74-18132	[ NASA-CASE-KSC-10162] CO9 N72-11225
Self-regulating proportionally controlled	High speed photo-optical time recording
heating apparatus and technique	[NASA-CASE-KSC-10294] c14 N72-18411
(NASA-CASE-GSC-11752-1] c33 N74-19583	High speed direct binary-to-binary coded decimal
Method of making porous conductive supports for	converter /
electrodes	[NASA-CASE-KSC-10326] c08 \$72-21197
[NASA-CASE-GSC-11367-1] c03 N74-19692	Automatic frequency control loop including
Piezoelectric relay	synchronous switching circuits
[NASA-CASE-GSC-11627-1] c09 N74-19852	[NASA-CASE-KSC-10393] c09/N72-21247
Controllable high voltage source having fast	Universal environment package with sectional
settling time	component housing
[NASA-CASE-GSC-11844-1] c09 N74-19853	[NASA-CASE-RSC-10031] c1 h72-22486
Formation of star tracking reticles	Buffered analog converter
[NASA-CASE-GSC-11188-3] c14 N74-20008	[NASA-CASE-KSC-10397] cq8 N72-25206
Radiation hardening of MOS devices by boron	Lamp modulator
[NASA-CASE-GSC-11425-1] c24 N74-20329	[NASA-CASE-KSC-10565] c)9 N72-25250
Amplitude steered array	Cable stabilizer for open shaft cable operated
[NASA-CASE-GSC-11446-1] c09 N74-20860	elevators
Rotary solenoid shutter drive assembly and	[NASA-CASE-KSC-10513] /c15 N72~25453
rotary inertia damper and stop plate assembly	Pressurized lighting system
[NASA-CASE-GSC-11560-1] c09 N74-20861	[NASA-CASE-KSC-10644] c09 N72-27227
Ultra-stable oscillator with complementary	Electric field measuring and display system
transistors	[NASA-CASE-RSC-10731-1] c14 N73-10461
[NASA-CASE-GSC-11513-1] c09 N74-20862	High speed direct binary to binary coded decimal
High efficiency multifrequency feed	converter and scaler
[NASA-CASE-GSC-113173] c09 N74-20863	[NASA-CASE-KSC-10595] c08 N73-12176
Turnstile slot antenna	Geysering inhibitor for vertical cryogenic
[NASA-CASE-GSC-11428-1] c09 N74-20864	transfer pipe
Method and apparatus for checking fire detectors	[NASA-CASE-KSC-10615] c15 N73-12486
[NASA-CASE-GSC-11600-1] c14 N74-21019	Electronic video editor
Long range laser traversing system	[NASA-CASE-KSC-10003] c10 N73-13235
[NASA-CASE-GSC-11262-1] c16 N74-21091	Character indicating display device
Method and apparatus for optically monitoring	[NASA-CASE-KKS-00348] c09 N73-14215
the angular position of a rotating mirror	Voltage monitoring system
[NASA-CASE-GSC-11353-1] G23 N74-21304	[NASA-CASE-KSC-10736-1] c09 N73-23290
NATIONAL ABRONAUTICS AND SPACE ADMINISTRATION, JOHN	Signal conditioner test set
F. KRHNEDY SPACE CENTER, COCOA BEACH, FLA.	[ NASA-CASE-KSC-10750-1 ] C14 N73-23527
Device for determining the accuracy of the flare	
on a flared tube	Collapsible high gain antenna [NASA-CASE-KSC-10392] c07 N73-26117
[NASA-CASE-XKS-03495] c14 N69-39785	Floating baffle to improve efficiency of liquid
Quick attach and release fluid coupling assembly	transfer from tanks
Patent	
[NASA-CASE-XKS-01985] c15 N71-10782	
Parasitic probe antenna Patent	Digital servo controller
[NASA-CASE-XKS-09348] c09 N71-13521	[NASA-CASE-KSC-10769-1] c09 N73-27153
Electronic checkout system for space vehicles	Zero gravity liquid transfer screen
Patent	[NASA-CASE-KSC-10626] c14 N73-27378
	Optical rotational sensor
[NASA-CASE-XKS-08012-2] c31 N71-15566 Apparatus for tensile testing Patent	[NASA-CASE-KSC-10752-1] c15 N73-27407
	Television multiplexing system
[NASA-CASE-XKS-06250] c14 N71-15600 Weatherproof helix antenna Patent	[NASA-CASE-KSC-10654-1] c07 N73-30115
	Dual digital video switcher
[NASA-CASE-XKS-08485] c07 N71-19493	[NASA-CASE-KSC-10782-1] c07 N73-32063
Valve seat with resilient support member Patent [NASA-CASE-XKS-02582] c15 N71-21234	Lightning tracking system
	[NASA-CASE-KSC-10729-1] c09 N73-32110
Diode and protection fuse unit Patent	
	Rocket borne instrument to measure electric
[NASA-CASE-XKS-03381] c09 H71-22796	fields inside electrified clouds
Optical monitor panel Patent	fields inside electrified clouds [NASA-CASE-KSC-10730-1] c14 N73-32318
Optical monitor panel Patent [NASA-CASE-XKS-03509] c14 N71-23175	fields inside electrified clouds [NASA-CASE-KSC-10730-1] c14 N73-32318 NATIONAL ABBONAUTICS AND SPACE ADMINISTRATION.
Optical monitor panel Patent [NASA-CASE-XKS-03509] c14 N71-23175 Separation simulator Patent	fields inside electrified clouds [NASA-CASE-KSC-10730-1] WATIONAL ABBONAUTICS AND SPACE ADMINISTRATION. LANGLEY RESEARCH CENTER, LANGLEY STATION, VA.
Optical monitor panel Patent [NASA-CASE-XKS-03509] c14 N71-23175 Separation simulator Patent [NASA-CASE-XKS-04631] c10 N71-23663	fields inside electrified clouds [NASA-CASE-KSC-10730-1] c14 N73-32318 MATIONAL ABBONAUTICS AND SPACE ADMINISTRATION. LANGLEY RESEARCH CENTER, LANGLEY STATION, VA. Jet shoes
Optical monitor panel Patent [NASA-CASE-XKS-03509] c14 N71-23175 Separation simulator Patent [NASA-CASE-XKS-04631] c10 N71-23663 Controlled release device Patent	fields inside electrified clouds [NASA-CASE-KSC-10730-1] c14 N73-32318 NATIONAL ARRONAUTICS AND SPACE ADMINISTRATION. LANGLEY RESEARCH CENTER, LANGLEY STATION, VA. Jet shoes [NASA-CASE-XLA-08491] c05 N69-21380
Optical monitor panel Patent [NASA-CASE-XKS-03509] c14 N71-23175 Separation simulator Patent [NASA-CASE-XKS-04631] c10 N71-23663 Controlled release device Patent [NASA-CASE-XKS-03338] c15 N71-24043	fields inside electrified clouds [NASA-CASE-KSC-10730-1] c14 N73-32318 NATIONAL ARRONAUTICS AND SPACE ADMINISTRATION. LANGLEY RESEARCH CENTER, LANGLEY STATION, VA. Jet shoes [NASA-CASE-XLA-08491] c05 N69-21380 Condenser - Separator
Optical monitor panel Patent [NASA-CASE-XKS-03509] c14 N71-23175 Separation simulator Patent [NASA-CASE-XKS-04631] c10 N71-23663 Controlled release device Patent [NASA-CASE-XKS-03338] c15 N71-24043 Phonocardiogram simulator Patent	fields inside electrified clouds [NASA-CASE-KSC-10730-1] MATIONAL ABBONAUTICS AND SPACE ADMINISTRATION. LANGLEY RESEARCH CENTER, LANGLEY STATION, VA.  Jet shoes [NASA-CASE-XLA-08491]
Optical monitor panel Patent [NASA-CASE-XKS-03509] c14 N71-23175 Separation simulator Patent [NASA-CASE-XKS-04631] c10 N71-23663 Controlled release device Patent [NASA-CASE-XKS-03338] c15 N71-24043 Phonocardiogram simulator Patent [NASA-CASE-XKS-10804] c05 N71-24606	fields inside electrified clouds [NASA-CASE-KSC-10730-1] c14 N73-32318  MATIONAL ABRONAUTICS AND SPACE ADMINISTRATION.  LANGLEY RESEARCH CENTER, LANGLEY STATION, VA.  Jet shoes [NASA-CASE-KLA-08491] c05 N69-21380  Condenser - Separator [NASA-CASE-KLA-08645] c15 N69-21465  Connector - Electrical
Optical monitor panel Patent [NASA-CASE-XKS-03509] c14 N71-23175 Separation simulator Patent [WASA-CASE-XKS-04631] c10 N71-23663 Controlled release device Patent [NASA-CASE-XKS-03338] c15 N71-24043 Phonocardiogram simulator Patent [NASA-CASE-XKS-10804] c05 N71-24606 VHF/UHF parasitic probe antenna Patent	fields inside electrified clouds [NASA-CASE-KSC-10730-1] c14 N73-32318  MATIONAL ABBONAUTICS AND SPACE ADMINISTRATION.  LANGLEY RESEARCH CENTER, LANGLEY STATION, VA.  Jet shoes [NASA-CASE-XLA-08491] c05 N69-21380  Condenser - Separator [NASA-CASE-XLA-08645] c15 N69-21465  Connector - Electrical [NASA-CASE-XLA-01288] c09 N69-21470
Optical monitor panel Patent [NASA-CASE-XKS-03509] c14 H71-23175 Separation simulator Patent [NASA-CASE-XKS-04631] c10 H71-23663 Controlled release device Patent [NASA-CASE-XKS-03338] c15 H71-24043 Phonocardiogram simulator Patent [NASA-CASE-XKS-10804] c05 H71-24606 VHF/UHF parasitic probe antenna Patent [NASA-CASE-XKS-09340] c07 H71-24614	fields inside electrified clouds [NASA-CASE-KSC-10730-1] C14 N73-32318  MATIONAL ABBONAUTICS AND SPACE ADMINISTRATION.  LANGLEY RESEARCH CENTER, LANGLEY STATION, VA.  Jet shoes [NASA-CASE-XLA-08491] C05 N69-21380  Condenser - Separator [NASA-CASE-XLA-08645] c15 N69-21465  Connector - Electrical [NASA-CASE-XLA-01288] c09 N69-21470  A support technique for vertically oriented
Optical monitor panel Patent [NASA-CASE-XKS-03509] c14 H71-23175 Separation simulator Patent [WASA-CASE-XKS-04631] c10 H71-23663 Controlled release device Patent [NASA-CASE-XKS-03338] c15 H71-24043 Phonocardiogram simulator Patent [NASA-CASE-XKS-10804] c05 H71-24606 VHF/UHF parasitic probe antenna Patent [NASA-CASE-XKS-09340] c07 H71-24614 BCD to decimal decoder Patent	fields inside electrified clouds [NASA-CASE-KSC-10730-1] C14 N73-32318  MATIONAL ABBONAUTICS AND SPACE ADMINISTRATION.  LANGLEY RESEARCH CENTER, LANGLEY STATION, VA.  Jet shoes [NASA-CASE-XLA-08491] C05 N69-21380  Condenser - Separator [NASA-CASE-XLA-08645] C15 N69-21465  Connector - Electrical [NASA-CASE-XLA-01288] C09 N69-21470  A support technique for vertically oriented launch vehicles
Optical monitor panel Patent [NASA-CASE-XKS-03509] c14 N71-23175 Separation simulator Patent [WASA-CASE-XKS-04631] c10 N71-23663 Controlled release device Patent [NASA-CASE-XKS-03338] c15 N71-24043 Phonocardiogram simulator Patent [NASA-CASE-XKS-10804] c05 N71-24606 VHF/UHF parasitic probe antenna Patent [NASA-CASE-XKS-09340] c07 N71-24614 BCD to decimal decoder Patent [NASA-CASE-XKS-06167] c08 N71-24890	fields inside electrified clouds [NASA-CASE-KSC-10730-1] C14 N73+32318  MATIONAL ABROHAUTICS AND SPACE ADMINISTRATION.  LANGLEY RESEARCH CENTER, LANGLEY STATION, VA.  Jet shoes [NASA-CASE-KLA-08491] C05 N69-21380  Condenser - Separator [NASA-CASE-KLA-08645] C15 N69-21465  Connector - Electrical [NASA-CASE-KLA-01288] C09 N69-21470  A support technique for vertically oriented launch vehicles [NASA-CASE-KLA-02704] C11 N69-21540
Optical monitor panel Patent [NASA-CASE-XKS-03509]	fields inside electrified clouds [NASA-CASE-KSC-10730-1] C14 N73-32318  MATIONAL ABBONAUTICS AND SPACE ADMINISTRATION.  LANGLEY RESEARCH CENTER, LANGLEY STATION, VA.  Jet shoes [NASA-CASE-XLA-08491] C05 N69-21380  Condenser - Separator [NASA-CASE-XLA-08645] C15 N69-21465  Connector - Electrical [NASA-CASE-XLA-01288] C09 N69-21470  A support technique for vertically oriented launch vehicles
Optical monitor panel Patent [NASA-CASE-XKS-03509]	fields inside electrified clouds [NASA-CASE-KSC-10730-1] C14 N73+32318  MATIONAL ABROHAUTICS AND SPACE ADMINISTRATION.  LANGLEY RESEARCH CENTER, LANGLEY STATION, VA.  Jet shoes [NASA-CASE-KLA-08491] C05 N69-21380  Condenser - Separator [NASA-CASE-KLA-08645] C15 N69-21465  Connector - Electrical [NASA-CASE-KLA-01288] C09 N69-21470  A support technique for vertically oriented launch vehicles [NASA-CASE-KLA-02704] C11 N69-21540
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Optical monitor panel Patent [NASA-CASE-XKS-03509] c14 N71-23175 Separation simulator Patent [WASA-CASE-XKS-04631] c10 N71-23663 Controlled release device Patent [NASA-CASE-XKS-03338] c15 N71-24043 Phonocardiogram simulator Patent [NASA-CASE-XKS-03304] c05 N71-24606 VHF/UHF parasitic probe antenna Patent [NASA-CASE-XKS-09340] c07 N71-24614 BCD to decimal decoder Patent [NASA-CASE-XKS-06167] c08 N71-24890 Flammability test chamber Patent [NASA-CASE-KSC-10126] c11 N71-24985 Video sync processor Patent [NASA-CASE-KSC-10002] c10 N71-25865	fields inside electrified clouds [NASA-CASE-KSC-10730-1] C14 N73-32318  MATIONAL ABRONAUTICS AND SPACE ADMINISTRATION.  LANGLEY RESEARCH CENTER, LANGLEY STATION, VA.  Jet shoes [NASA-CASE-XLA-08491] C05 N69-21380  Condenser - Separator [NASA-CASE-XLA-08645] C15 N69-21465  Connector - Electrical [NASA-CASE-XLA-01288] C09 N69-21470  A support technique for vertically oriented launch vehicles [NASA-CASE-XLA-02704] C11 N69-21540  Electromagnetic mirror drive system [NASA-CASE-XLA-03724] C14 N69-27461
Optical monitor panel Patent [NASA-CASE-XKS-03509] c14 N71-23175 Separation simulator Patent [WASA-CASE-XKS-04631] c10 N71-23663 Controlled release device Patent [NASA-CASE-XKS-03338] c15 N71-24043 Phonocardiogram simulator Patent [NASA-CASE-XKS-10804] c05 N71-24606 VHF/UHF parasitic probe antenna Patent [NASA-CASE-XKS-09340] c07 N71-24614 BCD to decimal decoder Patent [NASA-CASE-XKS-06167] c08 N71-24890 Flammability test chamber Patent [NASA-CASE-KSC-10126] c11 N71-24985 Video sync processor Patent [NASA-CASE-KSC-10002] c10 N71-25865 Weld preparation machine Patent	fields inside electrified clouds [NASA-CASE-KSC-10730-1] C14 N73-32318  MATIONAL ABBONAUTICS AND SPACE ADMINISTRATION.  LANGLEY RESEARCH CENTER, LANGLEY STATION, VA.  Jet shoes [NASA-CASE-XLA-08491] C05 N69-21380  Condenser - Separator [NASA-CASE-XLA-08645] C15 N69-21465  Connector - Electrical [NASA-CASE-XLA-01288] C09 N69-21470  A support technique for vertically oriented launch vehicles [NASA-CASE-XLA-02704] C11 N69-21540  Electromagnetic mirror drive system [NASA-CASE-XLA-03724] C14 N69-27461  Evaporant holder
Optical monitor panel Patent [NASA-CASE-XKS-03509] c14 N71-23175 Separation simulator Patent [NASA-CASE-XKS-04631] c10 N71-23663 Controlled release device Patent [NASA-CASE-XKS-03338] c15 N71-24043 Phonocardiogram simulator Patent [NASA-CASE-XKS-10804] c05 N71-24606 VHF/UHF parasitic probe antenna Patent [NASA-CASE-XKS-09340] c07 N71-24614 BCD to decimal decoder Patent [NASA-CASE-XKS-06167] c08 N71-24890 Plammability test chamber Patent [NASA-CASE-XKS-06167] c11 N71-24985 Video sync processor Patent [NASA-CASE-KSC-10002] c10 N71-25865 Weld preparation machine Patent [NASA-CASE-KSC-70953] c15 N71-26134	fields inside electrified clouds [NASA-CASE-KSC-10730-1] C14 N73+32318  MATIONAL ABRONAUTICS AND SPACE ADMINISTRATION.  LANGLEY RESEARCH CENTER, LANGLEY STATION, VA.  Jet shoes [NASA-CASE-KLA-08491] C05 N69-21380  Condenser - Separator [NASA-CASE-KLA-08645] C15 N69-21465  Connector - Electrical [NASA-CASE-KLA-01288] C09 N69-21470  A support technique for vertically oriented launch vehicles [NASA-CASE-KLA-02704] C11 N69-21540  Electromagnetic mirror drive system [NASA-CASE-KLA-03724] C14 N69-27461  Evaporant holder [NASA-CASE-KLA-03105] C15 N69-27483
Optical monitor panel Patent [NASA-CASE-XKS-03509] c14 N71-23175 Separation simulator Patent [WASA-CASE-XKS-04631] c10 N71-23663 Controlled release device Patent [NASA-CASE-XKS-03338] c15 N71-24043 Phonocardiogram simulator Patent [NASA-CASE-XKS-10804] c05 K71-24606 WHF/UHF parasitic probe antenna Patent [NASA-CASE-XKS-09340] c07 N71-24614 BCD to decimal decoder Patent [NASA-CASE-XKS-06167] c08 N71-24890 Plammability test chamber Patent [NASA-CASE-XKS-10126] c11 N71-24985 Wideo sync processor Patent [NASA-CASE-KSC-10002] c10 N71-25865 Weld preparation machine Patent [NASA-CASE-KSC-07953] c15 N71-26134 Validation device for spacecraft checkout	fields inside electrified clouds [NASA-CASE-KSC-10730-1] C14 N73-32318  MATIONAL ABBONAUTICS AND SPACE ADMINISTRATION.  LANGLEY RESEARCH CENTER, LANGLEY STATION, VA.  Jet shoes [NASA-CASE-XLA-08491] C05 N69-21380  Condenser - Separator [NASA-CASE-XLA-06645] C15 N69-21465  Connector - Electrical [NASA-CASE-XLA-01288] C09 N69-21470  A support technique for vertically oriented launch vehicles [NASA-CASE-XLA-02704] C11 N69-21540  Electromagnetic mirror drive system [NASA-CASE-XLA-03724] C14 N69-27461  Evaporant holder [NASA-CASE-XLA-03105] C15 N69-27483  Compensating radiometer [NASA-CASE-XLA-04556] C14 N69-27484
Optical monitor panel Patent [NASA-CASE-XKS-03509] c14 N71-23175 Separation simulator Patent [WASA-CASE-XKS-04631] c10 N71-23663 Controlled release device Patent [NASA-CASE-XKS-03338] c15 N71-24043 Phonocardiogram simulator Patent [NASA-CASE-XKS-0340] c05 N71-24606 VHF/UHF parasitic probe antenna Patent [NASA-CASE-XKS-09340] c07 N71-24614 BCD to decimal decoder Patent [NASA-CASE-XKS-06167] c08 N71-24890 Flammability test chamber Patent [NASA-CASE-XKS-06167] c11 N71-24985 Video sync processor Patent [NASA-CASE-KSC-10126] c10 N71-25865 Weld preparation machine Patent [NASA-CASE-XKS-07953] c15 N71-26134 Validation device for spacecraft checkout equipment Patent	fields inside electrified clouds [NASA-CASE-KSC-10730-1] C14 N73-32318  MATIONAL ABBONAUTICS AND SPACE ADMINISTRATION.  LANGLEY RESEARCH CENTER, LANGLEY STATION, VA.  Jet shoes [NASA-CASE-XLA-08491] C05 N69-21380  Condenser - Separator [NASA-CASE-XLA-08645] C15 N69-21465  Connector - Electrical [NASA-CASE-XLA-01288] C09 N69-21470  A support technique for vertically oriented launch vehicles [NASA-CASE-XLA-02704] C11 N69-21540  Electromagnetic mirror drive system [NASA-CASE-XLA-03724] C14 N69-27461  Evaporant holder [NASA-CASE-XLA-03105] C15 N69-27483  Compensating radiometer [NASA-CASE-XLA-04556] C14 N69-27484  Tubular coupling having frangible connecting means
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Optical monitor panel Patent [NASA-CASE-XKS-03509] c14 N71-23175 Separation simulator Patent [NASA-CASE-XKS-04631] c10 N71-23663 Controlled release device Patent [NASA-CASE-XKS-03338] c15 N71-24043 Phonocardiogram simulator Patent [NASA-CASE-XKS-10804] c05 N71-24606 VHF/UHF parasitic probe antenna Patent [NASA-CASE-XKS-09340] c07 N71-24614 BCD to decimal decoder Patent [NASA-CASE-XKS-06167] c08 N71-24890 Plammability test chamber Patent [NASA-CASE-XKS-06167] c11 N71-24985 Video sync processor Patent [NASA-CASE-KSC-10002] c10 N71-25865 Weld preparation machine Patent [NASA-CASE-KSC-07953] c15 N71-26134 Validation device for spacecraft checkout equipment Patent [NASA-CASE-XKS-10543] c07 N71-26292 Internal work light Patent	fields inside electrified clouds [NASA-CASE-KSC-10730-1] C14 N73-32318  MATIONAL ABRONAUTICS AND SPACE ADMINISTRATION.  LANGLEY RESEARCH CENTER, LANGLEY STATION, VA.  Jet shoes [NASA-CASE-KLA-08491] C05 N69-21380  Condenser - Separator [NASA-CASE-KLA-08645] C15 N69-21465  Connector - Electrical [NASA-CASE-KLA-01288] C09 N69-21470  A support technique for vertically oriented launch vehicles [NASA-CASE-KLA-02704] C11 N69-21540  Electromagnetic mirror drive system [NASA-CASE-KLA-03724] C14 N69-27461  Evaporant holder [NASA-CASE-KLA-03105] C15 N69-27483  Compensating radiometer [NASA-CASE-KLA-04556] C14 N69-27484  Tubular coupling having frangible connecting means [NASA-CASE-KLA-02854] C15 N69-27490  Fatigue-resistant shear pin
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Optical monitor panel Patent [NASA-CASE-XKS-03509] Separation simulator Patent [WASA-CASE-XKS-04631] Controlled release device Patent [NASA-CASE-XKS-03338] Phonocardiogram simulator Patent [NASA-CASE-XKS-04631] COS M71-24043 Phonocardiogram simulator Patent [NASA-CASE-XKS-0464] COS M71-24606 VHF/UHF parasitic probe antenna Patent [NASA-CASE-XKS-09340] CO7 N71-24614 BCD to decimal decoder Patent [NASA-CASE-XKS-06167] CO8 M71-24890 Flammability test chamber Patent [NASA-CASE-KSC-10126] C11 N71-24985 Video sync processor Patent [NASA-CASE-KSC-10002] C10 N71-25865 Weld preparation machine Patent [NASA-CASE-XKS-07953] Validation device for spacecraft checkout equipment Patent [NASA-CASE-XKS-10543] Internal work light Patent [NASA-CASE-XKS-05932] Emergency escape system Patent	fields inside electrified clouds [NASA-CASE-KSC-10730-1] C14 N73-32318  MATIONAL ABBONAUTICS AND SPACE ADMINISTRATION.  LANGLEY RESEARCH CENTER, LANGLEY STATION, VA.  Jet shoes [NASA-CASE-XLA-08491] C05 N69-21380  Condenser - Separator [NASA-CASE-XLA-06645] C15 N69-21465  Connector - Electrical [NASA-CASE-XLA-01288] C09 N69-21470  A support technique for vertically oriented launch vehicles [NASA-CASE-XLA-02704] C11 N69-21540  Electromagnetic mirror drive system [NASA-CASE-XLA-03724] C14 N69-27461  Evaporant holder [NASA-CASE-XLA-03105] C15 N69-27483  Compensating radiometer [NASA-CASE-XLA-04556] C14 N69-27484  Tubular coupling having frangible connecting means [NASA-CASE-XLA-02854] C15 N69-27490  Fatigue-resistant shear pin [NASA-CASE-XLA-09122] C15 N69-27505  Ablation sensor
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Plexible foam erectable space struct [NASA-CASE-ILA-00686] Nose gear steering system for vehice skids Patent [NASA-CASE-XLA-01804] Surface roughness detector Patent [NASA-CASE-XLA-00203] Variable-span aircraft Patent [NASA-CASE-XLA-00166] Dynamic precession damper for spin vehicles Patent [NASA-CASE-XLA-01989] Brectable modular space station Patent [NASA-CASE-XLA-00678] Electric-arc heater Patent [NASA-CASE-XLA-00330] Ac power amplifier Patent Applicat [NASA-CASE-XLA-00147] Enthod and apparatus for producing [NASA-CASE-XLA-00147] Gas actuated bolt disconnect Patent [NASA-CASE-XLA-00326] Logarithmic converter Patent	cos non-superior cos no
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Flexible foam erectable space struct [NASA-CASE-ILA-00686] Nose gear steering system for vehice skids Patent [NASA-CASE-XLA-01804] Surface roughness detector Patent [NASA-CASE-XLA-00203] Variable-span aircraft Patent [NASA-CASE-XLA-00166] Dynamic precession damper for spin vehicles Patent [NASA-CASE-XLA-01989] Erectable modular space station Patent [NASA-CASE-XLA-00678] Electric-arc heater Patent [NASA-CASE-XLA-00330] Ac power amplifier Patent Applicat [NASA-CASE-XLA-0030] Bethod and apparatus for producing [NASA-CASE-XLA-00147] Gas actuated bolt disconnect Patent [NASA-CASE-XLA-00326] Logarithmic converter Patent [NASA-CASE-XLA-00304] Handrel for shaping solid propellation of motor casing Patent [NASA-CASE-XLA-00304] Impact simulator Patent [NASA-CASE-XLA-00304] Impact simulator Patent [NASA-CASE-XLA-00304] Accelerometer with FM output Patent	catures Patent c31 N70-34135 cle with main c02 N70-34160 c14 N70-34161 c02 N70-34161 c02 N70-34295 catent c31 N70-34296 c33 N70-34590 c100 c09 N70-34559 a plasma Patent c25 N70-34661 c03 N70-34667 c08 N70-34778 at rocket fuel c27 N70-34783 c11 N70-34786
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Flexible foam erectable space struct [NASA-CASE-ILA-00686] Nose gear steering system for vehice skids Patent [NASA-CASE-XLA-01804] Surface roughness detector Patent [NASA-CASE-XLA-00203] Variable-span aircraft Patent [NASA-CASE-XLA-00166] Dynamic precession damper for spin vehicles Patent [NASA-CASE-XLA-01989] Erectable modular space station Patent [NASA-CASE-XLA-00678] Electric-arc heater Patent [NASA-CASE-XLA-00330] Ac power amplifier Patent Applicat [NASA-CASE-XLA-0030] Hethod and apparatus for producing [NASA-CASE-XLA-00147] Gas actuated bolt disconnect Patent [NASA-CASE-XLA-00326] Logarithmic converter Patent [NASA-CASE-XLA-00304] Impact simulator Patent [NASA-CASE-XLA-00304] Impact simulator Patent [NASA-CASE-XLA-00493] Accelerometer with FM output Patent [NASA-CASE-XLA-00492] Frangible tube energy dissipation [NASA-CASE-XLA-00492] Frangible tube energy dissipation	catures Patent c31 N70-34135 cle with main c02 N70-34160 c14 N70-34161 c02 N70-34161 c02 N70-34178 stabilized c21 N70-34295 ctent c31 N70-34296 c33 N70-34540 cion c09 N70-34559 a plasma Patent c25 N70-34661 at c03 N70-34667 c08 N70-34778 at rocket fuel c27 N70-34783 c11 N70-34786 at c14 N70-34799 Patent c15 N70-34850
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Plexible foam erectable space struct [NASA-CASE-XLA-00686] Nose gear steering system for vehicle skids Patent [NASA-CASE-XLA-01804] Surface roughness detector Patent [NASA-CASE-XLA-00203] Variable-span aircraft Patent [NASA-CASE-XLA-00166] Dynamic precession damper for spin vehicles Patent [NASA-CASE-XLA-01989] Brectable modular space station Patent [NASA-CASE-XLA-00678] Electric-arc heater Patent [NASA-CASE-XLA-00330] Ac power amplifier Patent Applicat [NASA-CASE-XLA-00330] Hethod and apparatus for producing [NASA-CASE-XLA-00326] Logarithmic converter Patent [NASA-CASE-XLA-00326] Logarithmic converter Patent [NASA-CASE-XLA-00471] Handrel for shaping solid propellation a motor casing Patent [NASA-CASE-XLA-00492] Impact simulator Patent [NASA-CASE-XLA-00493] Accelerometer with FM output Patent [NASA-CASE-XLA-00492] Frangible tube energy dissipation [NASA-CASE-XLA-00754] Landing arrangement for aerial vehicles of the content	cutures Patent c31 N70-34135 cle with main c02 N70-34160 c14 N70-34161 c02 N70-34161 c02 N70-34295 stent c31 N70-34296 c33 N70-34599 a plasma Patent c25 N70-34661 nt c03 N70-34661 nt c03 N70-34788 nt rocket fuel c27 N70-34788 nt c14 N70-34799 Patent c15 N70-34850 icle Patent c02 N70-34858 tection Patent
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Production of high purity silicon carbide Patent
                                         c26 N70-36805
  [NASA-CASE-XLA-00158]
Airplane take-off performance indicator Patent
                                         c14 N70-36807
 [NASA-CASE-XLA-00100]
Aerodynamic measuring device Patent [NASA-CASE-XLA-00481]
                                         c14 N70-36824
Aircraft wheel spray drag allewiator Patent [NASA-CASE-XLA-01583] c02 N70-
                                         c02 N70-36825
Attitude orientation of spin-stabilized space
  vehicles Patent
  [NASA-CASE-XLA-00281]
                                         c21 N70-36943
Continuously operating induction plasma
                Patent
  accelerator
  [NASA-CASE-XLA-01354]
                                         c25 N70-36946
Check walve assembly for a probe Patent
                                         c15 N70-37925
  [NASA-CASE-XLA-00128]
Space capsule Patent
                                         c31 N70-37938
  [NASA-CASE-XLA-00149]
Sandwich panel construction Patent
                                         c33 N70-37979
  [NASA-CASE-XLA-00349]
Reflector space satellite
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  [ WASA-CASE-XLA-00138]
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Variable-geometry winged reentry vehicle Patent [NASA-CASE-XLA-00241] c31 N70-37
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Wehicle parachute and equipment jettison system
                                          c02 ¥70-38009
  [NASA-CASE-XLA-00195]
Landing arrangement for aerospace vehicle Patent
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  [NASA-CASE-XLA-00805]
Antenna system using parasitic elements and two
driven elements at 90 deg angle fed 180 deg
  out of phase Patent [NASA-CASE-XLA-00414]
                                          c07 N70-38200
Despin weight release
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  [NASA-CASE-XLA-00679]
Hanned space station
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[NASA-CASE-XLA-00934] c14 N71-22765	Precipitation detector Patent
Thermal control wall panel Patent	[NASA-CASE-XLA-02619] c10 N71-26334
[NASA-CASE-XLA-01243] c33 N71-22792 Attitude sensor for space vehicles Patent	Instrument for measuring the dynamic behavior of liquids Patent
[NASA-CASE-XIA-00793] c21 N71-22880	[NASA-CASE-XLA-05541] c12 N71-26387
Omnidirectional microwave spacecraft antenna	Arbitrarily Shaped model survey system Patent
Patent ,	[NASA-CASE-LAR-10098]
[NASA-CASE-XLA-03114] c09 N71-22888 Thermal control panel Patent	Dielectric molding apparatus Patent [NASA-CASE-LAR-10121-1] c15 N71-26721
[NASA-CASE-XLA-07728] c33 N71-22890	Method of making a solid propellant rocket motor
Spacecraft airlock Patent	Patent
[NASA-CASE-XLA-02050] c31 N71-22968	[NASA-CASE-XLA-04126] c28 N71-26779
Station keeping of a gravity gradient stabilized satellite Patent	Dynamic vibration absorber Patent [NASA-CASE-LAR-10083-1] c15 N71-27006
[NASA-CASE-XLA-03132] c31 N71-22969	Rate augmented digital to analog converter Patent
Semi-linear ball bearing Patent,	[NASA-CASE-XLA-07828] c08 N71-27057
[NASA-CASE-XLA-02809] c15 N71-22982	High speed flight vehicle control Patent [NASA-CASE-XLA-08967] c02 N71-27088
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Ablation sensor Patent	[NASA-CASE-LAR-10193-1] c15 N71-27146
[NASA-CASE-X1A-01791] c14 N71-22991	Active vibration isolator for flexible bodies
Self-calibrating displacement transducer Patent [NASA-CASE-XLA-00781] c09 N71-22999	Patent
[NASA-CASE-ILA-00781] c09 N71-22999 Lateral displacement system for separated rocket	[NASA-CASE-LAR-10106-1] c15 N71-27169 Soldering device Patent
Lateral displacement system for separated rocket stages Patent	Soldering device Patent [NASA-CASE-XLA-08911] c15 N71-27214
Lateral displacement system for separated rocket stages Patent [NASA-CASE-XLA-04804] c31 N71-23008	Soldering device Patent [NASA-CASE-NLA-08911] c15 N71-27214 Pringe counter for interferometers Patent
Lateral displacement system for separated rocket stages Patent [NASA-CASE-XLA-04804] c31 N71-23008 Thermal control coating Patent	Soldering device Patent [NASA-CASE-LAR-10204] C15 N71-27214 Pringe Counter for interferometers [NASA-CASE-LAR-10204] C14 N71-27215
Lateral displacement system for separated rocket stages Patent [NASA-CASE-XLA-04804] c31 N71-23008	Soldering device Patent [NASA-CASE-NLA-08911] c15 N71-27214 Pringe counter for interferometers Patent
Lateral displacement system for separated rocket stages Patent [NASA-CASE-XLA-04804] c31 N71-23008 Thermal control coating Patent [NASA-CASE-XLA-01995] c18 N71-23047 Method of making an inflatable panel Patent [NASA-CASE-XLA-03497] c15 N71-23052	Soldering device Patent [NASA-CASE-XLA-08911] c15 N71-27214 Pringe counter for interferometers Patent [NASA-CASE-IAR-10204] c14 N71-27215 Bideband VCO with high phase stability Patent [NASA-CASE-XLA-03893] c10 N71-27271 Plural position switch status and operativeness
Lateral displacement system for separated rocket stages Patent [NASA-CASE-XLA-04804] c31 N71-23008 Thermal control coating Patent [NASA-CASE-XLA-01995] c18 N71-23047 Method of making an inflatable panel Patent [NASA-CASE-XLA-03497] c15 N71-23052 Variable duration pulse integrator Patent	Soldering device Patent [NASA-CASE-ILA-08911] Pringe counter for interferometers Patent [NASA-CASE-IAR-10204] Bideband VCO with high phase stability Patent [NASA-CASE-ILA-03893] C10 N71-27271 Plural position switch status and operativeness checker Patent
Lateral displacement system for separated rocket stages Patent [NASA-CASE-ILA-04804]	Soldering device Patent [NASA-CASE-XLA-08911] c15 N71-27214 Pringe counter for interferometers Patent [NASA-CASE-IAR-10204] c14 N71-27215 Bideband VCO with high phase stability Patent [NASA-CASE-XLA-03893] c10 N71-27271 Plural position switch status and operativeness
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Lateral displacement system for separated rocket stages Patent [NASA-CASE-XLA-04804]	Soldering device Patent [NASA-CASE-ILA-08911] Pringe counter for interferometers Patent [NASA-CASE-IAR-10204] Bideband VCO with high phase stability Patent [NASA-CASE-ILA-03893] Plural position switch status and operativeness checker Patent [NASA-CASE-ILA-08799] C10 N71-27272 Angular displacement indicating gas bearing support system Patent [NASA-CASE-ILA-09346] C15 N71-28740 Solid state thermal control polymer coating
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Lateral displacement system for separated rocket stages Patent [NASA-CASE-XLA-04804] Thermal control coating Patent [NASA-CASE-XLA-01995] Method of making: an inflatable panel Patent [NASA-CASE-XLA-03497] Variable duration pulse integrator Patent [NASA-CASE-XLA-01219] Impact energy absorber Patent [NASA-CASE-XLA-01530] Microneteoroid penetration measuring device Patent [NASA-CASE-XLA-00941] Combined optical attitude and altitude indicating instrument Patent [NASA-CASE-XLA-01907] C14 N71-23268	Soldering device Patent [NASA-CASE-ILA-08911] Pringe counter for interferometers Patent [NASA-CASE-IAR-10204] C14 N71-27215 Bideband VCO with high phase stability Patent [NASA-CASE-ILA-03893] C10 N71-27271 Plural position switch status and operativeness checker Patent [NASA-CASE-ILA-08799] C10 N71-27272 Angular displacement indicating gas bearing support system Patent [NASA-CASE-XLA-09346] C15 N71-28740 Solid state thermal control polymer coating Patent [NASA-CASE-XLA-01745] C33 N71-28903 Specialized halogen generator for purification
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Lateral displacement system for separated rocket stages Patent [NASA-CASE-ILA-04804] c31 N71-23008 Thermal control coating Patent [NASA-CASE-ILA-01995] c18 N71-23047 Method of making an inflatable panel Patent [NASA-CASE-ILA-03497] c15 N71-23052 Variable duration pulse integrator Patent [NASA-CASE-ILA-01219] c10 N71-23084 Impact energy absorber Patent [NASA-CASE-ILA-01530] c14 N71-23092 Micrometeoroid penetration measuring device Patent [NASA-CASE-ILA-00941] c14 N71-23240 Combined optical attitude and altitude indicating instrument Patent [NASA-CASE-ILA-01907] c14 N71-23268 Solar sensor having coarse and fine sensing with matched preirradiated cells and method of	Soldering device Patent [NASA-CASE-ILA-08911] Pringe counter for interferometers Patent [NASA-CASE-LAR-10204] Bideband VCO with high phase stability Patent [NASA-CASE-XLA-03893] C10 N71-27271 Plural position switch status and operativeness checker Patent [NASA-CASE-XLA-08799] Angular displacement indicating gas bearing support system Patent [NASA-CASE-XLA-09346] Solid state thermal control polymer coating Patent [NASA-CASE-XLA-01745] Specialized halogen generator for purification of water Patent [NASA-CASE-ILA-08913] C14 N71-28933
Lateral displacement system for separated rocket stages Patent [NASA-CASE-ILA-04804] c31 N71-23008 Thermal control coating Patent [NASA-CASE-XLA-01995] c18 N71-23047 Method of making: an inflatable panel Patent [NASA-CASE-XLA-03497] c15 N71-23052 Variable duration pulse integrator Patent [NASA-CASE-XLA-01219] c10 N71-23084 Impact energy absorber Patent [NASA-CASE-XLA-01530] c14 N71-23092 Microneteoroid penetration measuring device Patent [NASA-CASE-XLA-00941] c14 N71-23240 Combined optical attitude and altitude indicating instrument Patent [NASA-CASE-YLA-01907] c14 N71-23268 Solar sensor having coarse and fine sensing with matched preirradiated cells and method of selecting cells Patent [NASA-CASE-XLA-01584] c14 N71-23269	Soldering device Patent [NASA-CASE-ILA-08911] Pringe counter for interferometers Patent [NASA-CASE-IAR-10204] c14 N71-27215 Bideband VCO with high phase stability Patent [NASA-CASE-ILA-03893] c10 N71-27271 Plural position switch status and operativeness checker Patent [NASA-CASE-ILA-08799] c10 N71-27272 Angular displacement indicating gas bearing support system Patent [NASA-CASE-ILA-09346] c15 N71-28740 Solid state thermal control polymer coating Patent [NASA-CASE-ILA-01745] c33 N71-28903 Specialized halogen generator for purification of water Patent
Lateral displacement system for separated rocket stages Patent [NASA-CASE-XLA-04804] c31 N71-23008 Thermal control coating Patent [NASA-CASE-XLA-01995] c18 N71-23047 Method of making an inflatable panel Patent [NASA-CASE-XLA-03497] c15 N71-23052 Variable duration pulse integrator Patent [NASA-CASE-XLA-01219] c10 N71-23084 Impact energy absorber Patent [NASA-CASE-XLA-01530] c14 N71-23092 Microneteoroid penetration measuring device Patent [NASA-CASE-XLA-00941] c14 N71-23240 Combined optical attitude and altitude indicating instrument Patent [NASA-CASE-XLA-01907] c14 N71-23268 Solar sensor having coarse and fine sensing with matched preirradiated cells and method of selecting cells Patent [NASA-CASE-XLA-01584] c14 N71-23269 Variable width pulse integrator Patent	Soldering device Patent [NASA-CASE-ILA-08911] Pringe counter for interferometers Patent [NASA-CASE-IAR-10204] Sideband VCO with high phase stability Patent [NASA-CASE-ILA-03893] Plural position switch status and operativeness checker Patent [NASA-CASE-ILA-08799] Support system Patent [NASA-CASE-ILA-09346] Solid state thermal control polymer coating Patent [NASA-CASE-ILA-01745] Specialized halogen generator for purification of water Patent [NASA-CASE-ILA-08913] C14 N71-28933 Optical communications system Patent [NASA-CASE-ILA-01090] C16 N71-28963 Antenna design for surface wave suppression Patent
Lateral displacement system for separated rocket stages Patent [NASA-CASE-XLA-04804] c31 N71-23008 Thermal control coating Patent [NASA-CASE-XLA-01995] c18 N71-23047 Method of making an inflatable panel Patent [NASA-CASE-XLA-03497] c15 N71-23052 Variable duration pulse integrator Patent [NASA-CASE-XLA-03497] c10 N71-23084 Impact energy absorber Patent [NASA-CASE-XLA-01219] c10 N71-23092 Micrometeoroid penetration measuring device Patent [NASA-CASE-XLA-0941] c14 N71-23240 Combined optical attitude and altitude indicating instrument Patent [NASA-CASE-XLA-01907] c14 N71-23268 Solar sensor having coarse and fine sensing with matched preirradiated cells and method of selecting cells Patent [NASA-CASE-XLA-01584] c14 N71-23269 Variable width pulse integrator Patent [NASA-CASE-XLA-03356] c10 N71-23315	Soldering device Patent [NASA-CASE-ILA-08911] Pringe counter for interferometers Patent [NASA-CASE-ILA-10204] Bideband VCO with high phase stability Patent [NASA-CASE-XLA-03893] C10 N71-27271 Plural position switch status and operativeness checker Patent [NASA-CASE-XLA-0879] Angular displacement indicating gas bearing support system Patent [NASA-CASE-XLA-09346] Solid state thermal control polymer coating Patent [NASA-CASE-XLA-01745] Specialized halogen generator for purification of water Patent [NASA-CASE-XLA-08913] C14 N71-28933 Optical communications system Patent [NASA-CASE-XLA-01090] Antenna design for surface wave suppression Patent [NASA-CASE-XLA-10772] C07 N71-28980
Lateral displacement system for separated rocket stages Patent [NASA-CASE-XLA-04804] c31 N71-23008 Thermal control coating Patent [NASA-CASE-XLA-01995] c18 N71-23047 Method of making an inflatable panel Patent [NASA-CASE-XLA-03497] c15 N71-23052 Variable duration pulse integrator Patent [NASA-CASE-XLA-01219] c10 N71-23084 Impact energy absorber Patent [NASA-CASE-XLA-01530] c14 N71-23092 Microneteoroid penetration measuring device Patent [NASA-CASE-XLA-0941] c14 N71-23240 Combined optical attitude and altitude indicating instrument Patent [NASA-CASE-YLA-01907] c14 N71-23268 Solar sensor having coarse and fine sensing with matched preirradiated cells and method of selecting cells Patent [NASA-CASE-XLA-01584] c14 N71-23269 Variable width pulse integrator Patent [NASA-CASE-XLA-03356] c10 N71-23315 Leading edge curvature based on convective	Soldering device Patent [NASA-CASE-ILA-08911] Pringe counter for interferometers Patent [NASA-CASE-ILA-10204] Plideband VCO with high phase stability Patent [NASA-CASE-ILA-03893] Plural position switch status and operativeness checker Patent [NASA-CASE-ILA-08799] Plural displacement indicating gas bearing support system Patent [NASA-CASE-ILA-09346] Solid state thermal control polymer coating Patent [NASA-CASE-ILA-01745] Specialized halogen generator for purification of water Patent [NASA-CASE-ILA-08913] Optical communications system Patent [NASA-CASE-ILA-01090] Antenna design for surface wave suppression Patent [NASA-CASE-ILA-10772] CO7 N71-28980 Analog to digital converter tester Patent
Lateral displacement system for separated rocket stages Patent [NASA-CASE-XLA-04804] c31 N71-23008 Thermal control coating Patent [NASA-CASE-XLA-01995] c18 N71-23047 Method of making an inflatable panel Patent [NASA-CASE-XLA-03497] c15 N71-23052 Variable duration pulse integrator Patent [NASA-CASE-XLA-03497] c10 N71-23084 Impact energy absorber Patent [NASA-CASE-XLA-01219] c10 N71-23084 Impact energy absorber Patent [NASA-CASE-XLA-01530] c14 N71-23092 Microneteoroid penetration measuring device Patent [NASA-CASE-XLA-00941] c14 N71-23240 Combined optical attitude and altitude indicating instrument Patent [NASA-CASE-XLA-01907] c14 N71-23268 Solar sensor having coarse and fine sensing with matched preirradiated cells and method of selecting cells Patent [NASA-CASE-XLA-01584] c14 N71-23269 Variable width pulse integrator Patent [NASA-CASE-XLA-03556] c10 N71-23315 Leading edge curvature based on convective heating Patent [NASA-CASE-XLA-01486] c01 N71-23497	Soldering device Patent [NASA-CASE-ILA-08911] Pringe counter for interferometers Patent [NASA-CASE-IAR-10204] Bideband VCO with high phase stability Patent [NASA-CASE-XLA-03893] C10 N71-27271 Plural position switch status and operativeness checker Patent [NASA-CASE-XLA-08799] Angular displacement indicating gas bearing support system Patent [NASA-CASE-XLA-09346] Solid state thermal control polymer coating Patent [NASA-CASE-XLA-01745] Specialized halogen generator for purification of water Patent [NASA-CASE-ILA-08913] C14 N71-28933 Optical communications system Patent [NASA-CASE-XLA-01090] Antenna design for surface wave suppression Patent [NASA-CASE-XLA-0772] Analog to digital converter tester [NASA-CASE-XLA-06713] Bethod of making pressurized panel Patent
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Lateral displacement system for separated rocket stages Patent [NASA-CASE-XLA-04804] c31 N71-23008 Thermal control coating Patent [NASA-CASE-XLA-01995] c18 N71-23047 Method of making an inflatable panel Patent [NASA-CASE-XLA-03497] c15 N71-23052 Variable duration pulse integrator Patent [NASA-CASE-XLA-01219] c10 N71-23084 Impact energy absorber Patent [NASA-CASE-XLA-01530] c14 N71-23092 Microneteoroid penetration measuring device Patent [NASA-CASE-XLA-0941] c14 N71-23240 Combined optical attitude and altitude indicating instrument Patent [NASA-CASE-YLA-01907] c14 N71-23268 Solar sensor having coarse and fine sensing with matched preirradiated cells and method of selecting cells Patent [NASA-CASE-XLA-01584] c14 N71-23269 Variable width pulse integrator Patent [NASA-CASE-XLA-03356] c10 N71-23315 Leading edge curvature based on convective heating Patent [NASA-CASE-XLA-01486] c01 N71-23497 Measurement of time differences between luminous events Patent	Soldering device Patent [NASA-CASE-ILA-08911] Pringe counter for interferometers Patent [NASA-CASE-IAR-10204] Pringe counter for interferometers Patent [NASA-CASE-IAR-10204] Pringe counter for interferometers Patent [NASA-CASE-IAR-10204] Pringe counter for interferometers Patent [NASA-CASE-IAR-03893] Pringe counter for N71-27215  Bideband VCO with high phase stability Patent [NASA-CASE-ILA-03893] Pringe counterer counterers checker Patent [NASA-CASE-ILA-08799] Pringe counterer counterers conting Patent [NASA-CASE-ILA-08946] Pringe counterer coating Patent [NASA-CASE-ILA-01745] Pringe counterer coating Patent [NASA-CASE-ILA-08913] Pringe counterer coating Patent [NASA-CASE-ILA-08916] Pringe coating Patent [NASA-CA
Lateral displacement system for separated rocket stages Patent [NASA-CASE-XLA-04804] c31 N71-23008 Thermal control coating Patent [NASA-CASE-XLA-01995] c18 N71-23047 Method of making: an inflatable panel Patent [NASA-CASE-XLA-03497] c15 N71-23052 Variable duration pulse integrator Patent [NASA-CASE-XLA-01219] c10 N71-23084 Impact energy absorber Patent [NASA-CASE-XLA-01530] c14 N71-23092 Microneteoroid penetration measuring device Patent [NASA-CASE-XLA-00941] c14 N71-23240 Combined optical attitude and altitude indicating instrument Patent [NASA-CASE-XLA-01907] c14 N71-23268 Solar sensor having coarse and fine sensing with matched preirradiated cells and method of selecting cells Patent [NASA-CASE-XLA-01584] c14 N71-23269 Variable width pulse integrator Patent [NASA-CASE-XLA-03356] c10 N71-23315 Leading edge curvature based on convective heating Patent [NASA-CASE-XLA-01486] c01 N71-23497 Measurement of time differences between luminous events Patent [NASA-CASE-XLA-01987] c23 N71-23976	Soldering device Patent [NASA-CASE-ILA-08911] Pringe counter for interferometers Patent [NASA-CASE-IAR-10204] Pringe counter for interferometers Patent [NASA-CASE-IAR-10204] Pringe counter for interferometers Patent [NASA-CASE-ILA-03893] Pringe counter for interferometers Patent [NASA-CASE-ILA-03893] Pringe counter for N71-27215  Plural position switch status and operativeness checker Patent [NASA-CASE-ILA-08799] Pringe counter indicating gas bearing support system Patent [NASA-CASE-ILA-09346] Patent [NASA-CASE-ILA-09346] Patent [NASA-CASE-ILA-01745] Pringe counter for principle counter for patent patent [NASA-CASE-ILA-08913] Pringe counter for patent patent [NASA-CASE-ILA-08913] Pringe counter for patent patent [NASA-CASE-ILA-08916] Pringe counter for patent [NASA-CASE-ILA-08916] Pringe counter for patent [NASA-CASE-ILA-08916] Patent [NASA-CASE-ILA-08916] Patent [NASA-CASE-ILA-08916] Patent [NASA-CASE-ILA-08916] Patent [NASA-CASE-ILA-08916] Patent [NASA-CASE-ILA-08916] Patent [NASA-CASE-ILA-0402] Patent [NASA-CASE-ILA-0402] Patent [NASA-CASE-ILA-0402] Patent [NASA-CASE-ILA-0402] Patent [NASA-CASE-ILA-0402] Patent [NASA-CASE-ILA-0402]
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Lateral displacement system for separated rocket stages Patent [NASA-CASE-XLA-04804] c31 N71-23008 Thermal control coating Patent [NASA-CASE-XLA-01995] c18 N71-23047 Method of making an inflatable panel Patent [NASA-CASE-XLA-03497] c15 N71-23052 Variable duration pulse integrator Patent [NASA-CASE-XLA-01219] c10 N71-23084 Impact energy absorber Patent [NASA-CASE-XLA-01530] c14 N71-23092 Microneteoroid penetration measuring device Patent [NASA-CASE-XLA-00941] c14 N71-23240 Combined optical attitude and altitude indicating instrument Patent [NASA-CASE-XLA-01907] c14 N71-23268 Solar sensor having coarse and fine sensing with matched preirradiated cells and method of selecting cells Patent [NASA-CASE-XLA-01584] c14 N71-23269 Variable width pulse integrator Patent [NASA-CASE-XLA-03356] c10 N71-23315 Leading edge curvature based on convective heating Patent [NASA-CASE-XLA-01486] c01 N71-23497 Measurement of time differences between luminous events Patent [NASA-CASE-XLA-01987] c23 N71-23976 Method for measuring the characteristics of a gas Patent [NASA-CASE-XLA-03375] c16 N71-24074	Soldering device Patent [NASA-CASE-ILA-08911] Pringe counter for interferometers Patent [NASA-CASE-IAR-10204] Place Counter for interferometers Patent [NASA-CASE-IAR-10204] Place Counter for interferometers Patent [NASA-CASE-ILA-03893] Place Counter for interferometers Patent [NASA-CASE-ILA-03893] Place Counter for interferometers Counterferometers Checker Patent [NASA-CASE-ILA-08799] Place Counterferometers Counterferometers Checker Patent [NASA-CASE-ILA-08799] Patent [NASA-CASE-ILA-09346] Patent [NASA-CASE-ILA-09346] Patent [NASA-CASE-ILA-01745] Patent [NASA-CASE-ILA-01745] Patent [NASA-CASE-ILA-08913] Patent [NASA-CASE-ILA-08913] Patent [NASA-CASE-ILA-08913] Patent [NASA-CASE-ILA-01090] Patent [NASA-CASE-ILA-01090] Patent [NASA-CASE-ILA-01090] Patent [NASA-CASE-ILA-01090] Patent [NASA-CASE-ILA-01090] Patent [NASA-CASE-ILA-01090] Patent [NASA-CASE-ILA-08916] Patent [NASA-CASE-ILA-08016] Patent [NASA-
Lateral displacement system for separated rocket stages Patent [NASA-CASE-XLA-04804]	Soldering device Patent [NASA-CASE-ILA-08911] Pringe counter for interferometers Patent [NASA-CASE-LAR-10204] Bideband VCO with high phase stability Patent [NASA-CASE-XLA-03893] C10 N71-27271 Plural position switch status and operativeness checker Patent [NASA-CASE-XLA-08799] Angular displacement indicating gas bearing support system Patent [NASA-CASE-XLA-09346] Solid state thermal control polymer coating Patent [NASA-CASE-XLA-07346] Solid state thermal control polymer coating Patent [NASA-CASE-XLA-09346] Specialized halogen generator for purification of water Patent [NASA-CASE-XLA-08913] C14 N71-28903 Specialized halogen generator for purification of water Patent [NASA-CASE-XLA-01090] Antenna design for surface wave suppression Patent [NASA-CASE-XLA-010772] Analog to digital converter tester Patent [NASA-CASE-XLA-0772] Shead of making pressurized panel [NASA-CASE-XLA-08916] Maksutov spectrograph Patent [NASA-CASE-XLA-00013] Digital pulse width selection circuit Patent [NASA-CASE-XLA-07788] C09 N71-29139
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Lateral displacement system for separated rocket stages Patent [NASA-CASE-XLA-04804] Thermal control coating Patent [NASA-CASE-XLA-01995] Method of making an inflatable panel Patent [NASA-CASE-XLA-03497] Variable duration pulse integrator Patent [NASA-CASE-XLA-03497] Variable duration pulse integrator Patent [NASA-CASE-XLA-01219] Impact energy absorber Patent [NASA-CASE-XLA-01530] Microneteoroid penetration measuring device Patent [NASA-CASE-XLA-01530] Microneteoroid penetration measuring device Patent [NASA-CASE-XLA-01911] Combined optical attitude and altitude indicating instrument Patent [NASA-CASE-XLA-01907] Solar sensor having coarse and fine sensing with matched preirradiated cells and method of selecting cells Patent [NASA-CASE-XLA-01584] Variable width pulse integrator Patent [NASA-CASE-XLA-03356] Leading edge curvature based on convective heating Patent [NASA-CASE-XLA-01486] Col N71-23497 Measurement of time differences between luminous events Patent [NASA-CASE-XLA-01987] Method for measuring the characteristics of a gas Patent [NASA-CASE-XLA-03375] Laser grating interferometer Patent [NASA-CASE-XLA-03375] Laser grating interferometer Patent [NASA-CASE-XLA-04295] Automatic fatigue test temperature programmer Patent [NASA-CASE-XLA-02059] Ring wing tension vehicle Patent [NASA-CASE-XLA-04901] Coll N71-24315	Soldering device Patent [NASA-CASE-ILA-08911] Pringe counter for interferometers Patent [NASA-CASE-IAR-10204] Pringe counter for interferometers Patent [NASA-CASE-IAR-10204] Pringe counter for interferometers Patent [NASA-CASE-ILA-03893] Pringe counter for interferometers Patent [NASA-CASE-ILA-03893] Pringe counter for interferometers Patent [NASA-CASE-ILA-03893] Pural position switch status and operativeness checker Patent [NASA-CASE-ILA-08799] Pringe counter indicating gas bearing support system Patent [NASA-CASE-ILA-08996] Pringe counter indicating gas bearing support system Patent [NASA-CASE-ILA-09346] Pringe counter indicating gas bearing support system Patent [NASA-CASE-ILA-08946] Pringe counter coating Patent [NASA-CASE-ILA-08913] Pringe countered for purification of state thermal control polymer coating Patent [NASA-CASE-ILA-08913] Pringe countered for purification of state Patent [NASA-CASE-ILA-08913] Pringe countered for surface save suppression Patent [NASA-CASE-ILA-01072] Pringe countered for purification of stater Patent [NASA-CASE-ILA-06713] Pringe countered for surface save suppression Patent [NASA-CASE-ILA-06713] Pringe countered for purification of surface save suppression Patent [NASA-CASE-ILA-06713] Pringe countered for surface save suppression Patent [NASA-CASE-ILA-0013] Pringe countered for surface save suppression Patent [NASA-CASE-ILA-00327] Pringe countered for surface save suppression Patent [NASA-CASE-ILA-00327] Pringe countered for surface save suppression Patent [NASA-CASE-ILA-00366] Pringe countered for surface save suppression Patent [NASA-
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[NASA-CASE-XLE-01533] c11 N71-10777	Protective device for machine and metalworking
Beteoroid sensing apparatus having a coincidence	tools Patent
network connected to a pair of capacitors	[NASA-CASE-XLE-01092] c15 N71-22797
Patent	Cryogenic insulation system Patent
[NASA-CASE-XLE-01246] c14 N71-10797	[NASA-CASE-XLE-04222]
Capacitor and method of making same Patent	Method for producing fiber reinforced metallic
[NASA-CASE-LEH-10364-1] C09 N71-13522	composites Patent
Capillary radiator Patent	[NASA-CASE-XLE-03925] c18 N71-22894
[NASA-CASE-XLE-03307] c33 N71-14035	Thermal shock apparatus Patent
Electrostatic ion engine having a permanent	[NASA-CASE-XLE-02024] c14 N71-22964
magnetic circuit Patent	Arc electrode of graphite with ball tip Patent
[NASA-CASE-XLE-01124] c28 N71-14043	[NASA-CASE-XLE-04788] c09 N71-22987
Split welding chamber Patent	Gas purged dry box glove Patent
[NASA-CASE-LEH-11531] c15 N71-14932	[NASA-CASE-XLE-02531] c05 N71-23080
Method and apparatus for making curved	Automatic recording McLeod gauge Patent
reflectors Patent	[NASA-CASE-XLE-03280] c14 N71-23093
[NASA-CASE-XLE-08917] c15 N71-15597	Electronic cathode having a brush-like structure
Method of making a diffusion bonded refractory	and a relatively thick oxide emissive coating
coating Patent	Patent
[NASA-CASE-XLE-01604-2] c15 N71-15610	[NASA-CASE-XLE-04501] c09 N71-23190
Black-body furnace Patent	Righ temperature ferromagnetic cobalt-base alloy
[NASA-CASE-XLE-01399] c33 N71-15625	Patent 47 was about
Method of igniting solid propellants Patent	[NASA-CASE-XLB-03629] c17 N71-23248
[NASA-CASE-XLE-01988] c27 N71-15634	Induction furnace with perforated tungsten foil
Fluid dispensing apparatus and method Patent	shielding Patent
[NASA-CASE-XLE-01182]	[NASA-CASE-XLE-04026] c14 N71-23267
Automatically deploying nozzle exit cone	Gd or Sm doped silicon semiconductor composition
extension Patent	Patent Caraca via 107453 con via 00000
[NASA-CASE-ILE-01640] c31 N71-15637	[NASA-CASE-XLE-10715]
High temperature cobalt-base alloy Patent [NASA-CASE-XLE-00726] c17 N71-15644	Protection of serially connected solar cells
[NASA-CASE-XLE-00726] c17 N71-15644 Method of making a rocket motor casing Patent	against open circuits by the use of shunting
[NASA-CASE-XIE-00409] c28:N71-15658	diode Patent
Rocket motor casing Patent	[NASA-CASE-XIE-04535] c03 N71-23354 Superconducting alternator Patent
[NASA-CASE-XLE-05689]	[NASA-CASE-XLE-02823] CO9 N71-23443
Electrostatic ion rocket engine Patent	Silicon solar cell with cover glass bonded to
INASA-CASE-X1.E-020661 C2H N71-15661	
[NASA-CASE-XLE-02066] c28 N71-15661	cell by metal pattern Patent
High temperature cobalt-base alloy Patent	cell by metal pattern Patent [NASA-CASE-XLE-08569] c03 N71-23449
High temperature cobalt-base alloy Patent [NASA-CASE-XLE-02991] c17 N71~16025	cell by metal pattern Patent [NASA-CASE-XLE-08569] c03 N71-23449 Analytical test apparatus and method for
High temperature cobalt-base alloy Patent [NASA-CASE-XLE-02991] c17 N71-16025 Nickel-base alloy containing Mo-W-Al-Cr-	cell by metal pattern Patent [NASA-CASE-ILE-08569] c03 N71-23449 Analytical test apparatus and method for determining oxide content of alkali metal Patent
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High temperature cobalt-base alloy Patent [NASA-CASE-XLE-02991] c17 N71~16025 Nickel-base alloy containing Mo-W-Al-Cr- Ta-Zr-C-Nb-B Patent [NASA-CASE-XLE-02082] c17 N71-16026 Method of improving the reliability of a rolling	cell by metal pattern Patent [NASA-CASE-XLE-08569] c03 N71-23449 Analytical test apparatus and method for determining oxide content of alkali metal Patent [NASA-CASE-XLE-01997] c06 N71-23527 Thermionic converter with current augmented by self induced magnetic field Patent [NASA-CASE-XLE-01903] c22 N71-23599
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High temperature cobalt-base alloy Patent [NASA-CASE-XLE-02991] c17 N71~16025  Nickel-base alloy containing Mo-N-Al-Cr- Ta-Zr-C-Nb-B Patent [NASA-CASE-XLE-02082] c17 N71-16026  Method of improving the reliability of a rolling element system Patent [NASA-CASE-XLE-02999] c15 N71-16052  Process of casting heavy slips Patent [NASA-CASE-XLE-00106] c15 N71-16076  Boiler for generating high quality vapor Patent [NASA-CASE-XLE-00785] c33 N71-16104  Method of making self lubricating fluoride-	cell by metal pattern Patent [NASA-CASE-ILE-08569] c03 N71-23449 Analytical test apparatus and method for determining oxide content of alkali metal Patent [NASA-CASE-XLE-01997] c06 N71-23527 Thermionic converter with current augmented by self induced magnetic field Patent [NASA-CASE-XLE-01903] c22 N71-23599 Semiconductor material and method of making same Patent [NASA-CASE-XLE-02798] c26 N71-23654 Insulation system Patent [NASA-CASE-XLE-02647] c18 N71-23658 Self-lubricating fluoride metal composite
High temperature cobalt-base alloy Patent [NASA-CASE-XLE-02991] c17 N71~16025  Nickel-base alloy containing Mo-N-Al-Cr- Ta-Zr-C-Nb-B Patent [NASA-CASE-XLE-02082] c17 N71-16026  Method of improving the reliability of a rolling element system Patent [NASA-CASE-XLE-02999] c15 N71~16052  Process of casting heavy slips Patent [NASA-CASE-XLE-00106] c15 N71~16076  Boiler for generating high quality vapor Patent [NASA-CASE-XLE-00705] c33 N71-16104  Method of making self lubricating fluoride- metal composite materials Patent	cell by metal pattern Patent [NASA-CASE-XLE-08569] c03 N71-23449 Analytical test apparatus and method for determining oxide content of alkali metal Patent [NASA-CASE-XLE-01997] c06 N71-23527 Thermionic converter with current augmented by self induced magnetic field Patent [NASA-CASE-XLE-01903] c22 N71-23599 Semiconductor material and method of making same Patent [NASA-CASE-XLE-02798] c26 N71-23654 Insulation system Patent [NASA-CASE-XLE-02647] c18 N71-23658 Self-lubricating fluoride metal composite materials Patent
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High temperature cobalt-base alloy Patent [NASA-CASE-XLE-02991] c17 N71~16025  Nickel-base alloy containing Mo-N-Al-Cr- Ta-Zr-C-Nb-B Patent [NASA-CASE-XLE-02082] c17 N71-16026  Method of improving the reliability of a rolling element system Patent [NASA-CASE-XLE-02999] c15 N71-16052  Process of casting heavy slips Patent [NASA-CASE-XLE-00106] c15 N71-16076  Boiler for generating high quality vapor Patent [NASA-CASE-XLE-00785] c33 N71-16104  Method of making self lubricating fluoride- metal composite materials Patent [NASA-CASE-XLE-08511-2] c18 N71-16105  Thrust and direction control apparatus Patent	cell by metal pattern Patent [NASA-CASE-ILE-08569] c03 N71-23449 Analytical test apparatus and method for determining oxide content of alkali metal Patent [NASA-CASE-XLE-01997] c06 N71-23527 Thermionic converter with current augmented by self induced magnetic field Patent [NASA-CASE-XLE-01903] c22 N71-23599 Semiconductor material and method of making same Patent [NASA-CASE-XLE-02798] c26 N71-23654 Insulation system Patent [NASA-CASE-XLE-02647] c18 N71-23658 Self-lubricating fluoride metal composite materials Patent [NASA-CASE-XLE-08511] c18 N71-23710 Alloys for bearings Patent
High temperature cobalt-base alloy Patent [NASA-CASE-XLE-02991] c17 N71~16025  Nickel-base alloy containing Mo-N-Al-Cr- Ta-Zr-C-Nb-B Patent [NASA-CASE-XLE-02082] c17 N71-16026  Method of improving the reliability of a rolling element system Patent [NASA-CASE-XLE-02999] c15 N71-16052  Process of casting heavy slips Patent [NASA-CASE-XLE-00106] c15 N71-16076  Boiler for generating high quality vapor Patent [NASA-CASE-XLE-00785] c33 N71-16104  Method of making self lubricating fluoride- metal composite materials Patent [NASA-CASE-XLE-08511-2] c18 N71-16105  Thrust and direction control apparatus Patent [NASA-CASE-XLE-03583] c31 N71-17629	cell by metal pattern Patent [NASA-CASE-XLE-08569] c03 N71-23449 Analytical test apparatus and method for determining oxide content of alkali metal Patent [NASA-CASE-XLE-01997] c06 N71-23527 Thermionic converter with current augmented by self induced magnetic field Patent [NASA-CASE-XLE-01903] c22 N71-23599 Semiconductor material and method of making same Patent [NASA-CASE-XLE-02798] c26 N71-23654 Insulation system Patent [NASA-CASE-XLE-02647] c18 N71-23658 Self-lubricating fluoride metal composite materials Patent [NASA-CASE-XLE-08511] c18 N71-23710 Alloys for bearings Patent [NASA-CASE-XLE-05033] c15 N71-23810
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High temperature cobalt-base alloy Patent [NASA-CASE-XLE-02991] c17 N71~16025 Nickel-base alloy containing Mo-N-Al-Cr- Ta-Zr-(-Nb-B Patent [NASA-CASE-XLE-02082] c17 N71-16026 Method of improving the reliability of a rolling element system Patent [NASA-CASE-XLE-02999] c15 N71-16052 Process of casting heavy slips Patent [NASA-CASE-XLE-00106] c15 N71-16076 Boiler for generating high quality vapor Patent [NASA-CASE-XLE-00785] c33 N71-16104 Method of making self lubricating fluoride- metal composite materials Patent [NASA-CASE-XLE-08511-2] c18 N71-16105 Thrust and direction control apparatus Patent [NASA-CASE-XLE-03583] c31 N71-17629 Linear magnetic brake with two mindings Patent [NASA-CASE-XLE-05079] c15 N71-17652 Method of lubricating rolling element bearings	cell by metal pattern Patent [NASA-CASE-ILE-08569] c03 N71-23449 Analytical test apparatus and method for determining oxide content of alkali metal Patent [NASA-CASE-XLE-01997] c06 N71-23527 Thermionic converter with current augmented by self induced magnetic field Patent [NASA-CASE-XLE-01903] c22 N71-23599 Semiconductor material and method of making same Patent [NASA-CASE-XLE-02798] c26 N71-23654 Insulation system Patent [NASA-CASE-XLE-02647] c18 N71-23658 Self-lubricating fluoride metal composite materials Patent [NASA-CASE-XLE-08511] c18 N71-23710 Alloys for bearings Patent [NASA-CASE-XLE-05033] c15 N71-23810 Extrusion die for refractory metals Patent [NASA-CASE-XLE-06773] combustion chamber Patent
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[NASA-CASE-XLB-03157] C28 N/!-24/36	[NASA-CASE-LBW-10874-1] c17 N72-22535 Ion thruster magnetic field control
Multialarm summary alarm Patent	[NASA-CASE-LEW-10835-1] C28 N72-22771
[NASA-CASE-XLE-03061-1] c10 N71-24798 Apparatus for making curved reflectors Patent	Electrically conductive fluorocarbon polymer
[NASA-CASE-XLE-08917-2] C15 N/1-24836	[NASA-CASE-XLE-06774-2] c06 N72-25150
Plow angle sensor and read out system Patent	Production of pure metals [NASA-CASE-LEW-10906-1] c06 N72-25164
[NASA-CASE-XLE-04503] C14 N71-24864 Shock tube powder dispersing apparatus Patent	Analog Signal to Discrete Time Interval
[NASA-CASE-XLE-04946] C17 N71-24911	Converter (ASDTIC)
Pneumatic oscillator Patent	[NASA-CASE-ERC-10048] c09 N72-25251
[NASA-CASE+LEW-10345-1] c10 N71-25899	Controllable load insensitive power converters [NASA-CASE-ERC-10268] c09 N72-25252
Heat activated cell with alkali anode and alkali salt electrolyte Patent	Angular velocity and acceleration measuring
[NASA-CASE-LEN-11358] CO3 N71-26084	apparatus
Method of producing refractory composites	[NASA-CASE-ERC-10292] c14 N72-25410
containing tantalum carbide, hafnium carbide,	Hall effect magnetometer [NASA-CASE-LEW-11632-1] c14 N72-25440
and hafnium boride Patent [NASA-CASE-XLE-03940] c18 N71-26153	Electrical insulating layer process
Ion hear deflector Patent	[NASA-CASE-LEW-10489-1] c15 N72-25447
[NASA-CASE-LEW-10689-1] c28 N71-26173	Method for producing dispersion strengthened
Rolling element bearings Patent FNASA-CASE-XLE-09527-21 C15 N71-26189	alloys by converting metal to a halide, comminuting, reducing the metal halide to the
[NASA-CASE-XLE-09527-2] c15 N71-26189  Ion thruster accelerator system Patent	metal and sintering
[NASA-CASE-LEW-10106-1] c28 N71-26642	[NASA-CASE-LEW-10450-1] c15 N72-25448
Propellant feed isolator Patent	Selective nickel deposition [NASA-CASE-LBW-10965-1] c15 N72-25452
[NASA-CASE-LEW-10210-1] c28 N71-26781	[NASA-CASE-LEW-10965-1] c15 N72-25452 Aluminized nickel coatings for nickel-base
Heat activated cell Patent [NASA-CASE-LEW-11359] co3 N71-28579	superalloys
Process for glass coating an ion accelerator	[NASA-CASE-LEW-11348-1] c17 N72-25517
grid Patent	Method of making fiber composites [NASA-CASE-LEW-10424-2-2] c18 N72-25539
[NASA-CASE-LEW-10278-1] c15 N71-28582	Electricity measurement devices employing liquid
Fluid jet amplifier Patent [NASA-CASE-XLE-09341] c12 N71-28741	crystalline materials
Gas core nuclear reactor Patent	[NASA-CASE-ERC-10275] c26 N72-25680
[NASA-CASE-LEW-10250-1] c22 N71-28759	Ablative system (NASA-CASE-LEW-10359] c33 N72-25911
Gas turbine combustor Patent  (NASA-CASE-LEW-10286-11	Inductance device with vacuum insulation
[NASA-CASE-LEW-10286-1] C28 N/1-28915 Cyclic switch Patent	[NASA-CASE-LEW-10330-1] CO9 N72-27226
[NASA-CASE-LEW-10155-1] CO9 N71-29035	Apparatus for sensing temperature
Temperature reducing coating for metals subject	[NASA-CASE-XLE-05230] c14 N72-27410 Thermocouple tape
to flame exposure Patent [NASA-CASE-KLE-00035] c33 N71-29151	[NASA-CASE-LEW-11072-2] C14 N72-28443
Liquid spray cooling method Patent	Apparatus for producing metal powders
[NASA-CASE-XLE-00027] C33 N71-29152	[NASH-CASE-XLE-06461-2] c17 N72-28535
Turbo-machine blade vibration damper Patent rNASA-CASE-XLE-001551 c28 N71-29154	Refractory metal base alloy composites [NASA-CASE-XLE-03940-2] c17 N72-28536
[NASA-CASE-XLE-00155] c28 N71-29154 Corrosion resistant heryllium Patent	Apparatus for producing high purity I-123
[NASA-CASE-LEW-10327] c17 N71-33408	[NASA-CASE-LEW-10518-2] c24 N72-28714
A protected isotope heat source	Spiral groove seal rNASA-CASE-XLE-10326-21 c15 N72-29488
[NASA-CASE-LEW-11227-1] c33 N71-35153 Multiple fan integrated propulsion wing system	[NASA-CASE-XLE-10326-2] c15 872-29488 High current electrical leads
[NASA-CASE-LEW-11224-1] c02 N72-10033	[NASA-CASE-LEW-10950-1] C09 N72-31239
Attaching cover glasses to solar cells	Rocket chamber and method of making
[NASA-CASE-LEW-11065-1] c03 N72-11064	[NASA-CASE-LEW-11118-1] c15 N72-32501 Sputtering holes with ion beamlets
Integrated thermoelectric generator/space antenna combination	[NASA-CASE-LEW-11646-1] C28 N72-32760
[NASA-CASE-XER-09521] c09 N72-12136	Production of high purity I-123
Sensing probe	[NASA-CASE-LEW-10518-1] C24 N72-33681
[NASA-CASE-LEW-10281-1] c14 N72-17327	Duplex aluminized coatings [NASA-CASE-LEW-11696-1] c15 N73-10502
Method of making emf cell [NASA-CASE-LEH-11359-2] c03 N72-20034	Electrostatic collector for charged particles
Isolated amplifier for measuring millivolt	[NASA-CASE-LEW-11192-1] c09 N73-13208
electrical signals with reference to a high	Method of making apparatus for sensing temperature [NASA-CASE-XLE-05230-2] c14 N73-13417
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[NASA-CASE-XLE-04599] c22 N72-20597	Rocket thrust throttling system
Supersonic fan blading	[NASA-CASE-LEW-10374-1] C28 N73-13773
[NASA-CASE-LEW-11402-1] c28 N72-20770	Magnetocaloric pump [NASA-CASE-LEW-11672-1] C15 N73-14479
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[NASA-CASE-ERC-10075-2] c09 N72-22196	[NASA-CASE-LEW-11076-2] c15 N73-20533
Pulse coupling circuit	Method of producing I+123 [NASA-CASE-LEW-11390-2] C24 N73-20763
[NASA-CASE-LEW-10433-1] c09 N72-22197 Solid state remote circuit selector switch	[NASA-CASE-LEW-11390-2] C24 N/3-20/63  Jet exhaust noise suppressor
[NASA-CASE-LEW-10387] c09 N72-22201	[NASA-CASE-LEW-11286-1] C02 N73-21066
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[NASA-CASE-XER-11046] c09 N72-22203	[NASA-CASE-LEW-11484-1] c15 N73-22415 Improved coatings for refractory metals
High speed rolling element bearing [NASA-CASE-LEW-10856-1] C15 N72-22490	[NASA-CASE-LEW-11179-1] C17 N73-22474
Production of metal powders	Dished ion thruster grids

Thermocouple tape		Supersonic-combustion rocket	*
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apertured electrode and a pulsed si [NASA-CASE-LEW-10920-1]	c17 N73-24569	[NASA-CASE-LES-11069-1] Spiral groove seal	c03 N74-14784
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Controlled separation combustor		[ NASA-CASE-LEH-11087-2]	c15 N74-15128
[ NASA-CASE-LEB-11593-1 ]	c28 N73-25816	Gas turbine exhaust nozzle	
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[BASA-CASE-LEB-10359-2] Covered silicon solar cells	c33 N73-25952	Demodulator for carrier transducers	
[NASA-CASE-LEW-11065-2]	c03 k73-26048	[NASA-CASE-NUC-10107-1]	C09 N74-17930
Parasitic suppressing circuit	CO3 R73-20046	Flow measuring apparatus [NASA-CASE-LEH-12078-1]	c14 N74-18101
[ NASA-CASE-ERC-10403-1]	c10 N73-26228	Diffusion welding in air	C14 N74-10101
Twisted multifilament superconductor		[ NASA-CASE-LEH-11387-1]	c15 N74-18128
[NASA-CASE-LEH-11726-1]	c26 #73-26752	Hethod of making an apertured cast:	ing
Ophthalmic method and apparatus		[ NASA-CASE-LEW-11169-1]	c15 N74-18131
[NASA-CASE-LEH-11669-1]	c05 N73-27062	Drilled ball bearing with a one pic	ece
Rocket propellant injection [NASA-CASE-LEW-11071-1]	a27 N72-27605	anti-tipping cage assembly	_4E N7h 40422
Single grid accelerator for an ion th	c27 N73~27695	[WASA-CASE-LEW-11925-1] Journal bearings	c15 N74-18133
[ NASA-CASE-XLE-10453-2 ]	c28 N73-27699	[NASA-CASE-LEH-11076-4]	c15 N74-18134
Preparation of polyimides from mixtur	res of	Duplex aluminized coatings	C (3 B 14 10 (34
monomeric diamines and esters of		[ NASA-CASE-LEH-11696-2]	c18 N74-18197
polycarboxylic acids		Fabrication of polyphenylquinoxalia	
[NASA-CASE-LEB-11325-1]	c06 N73-27980	articles by means of in situ poly	merization of
Production of I-123	<u> .</u>	MODOMEIS	
[NASA-CASE-LEH-11390-3]	c11 N73-28128	[NASA-CASE-LEE-11879-1]	c18 N74-20152
Method and apparatus for measuring		Airflow control system for superson	
electromagnetic radiation [NASA-CASE-LEW-11159-1]	c14 N73-28488	[NASA-CASE-LEH-11188-1]	c02 N74-20646
Belding blades to rotors	C14 N/3-20400	Rapidly pulsed, high intensity, inc	onerent light
[ NASA-CASE-LEW-10533-1]	c15 N73-28515	source [NASA-CASE-XLE-2529-31	C09 N74-20859
in ion exchange nuclear reactor		Electromagnetic flow rate meter	. CO3 N/4-20033
[ NASA-CASE-LEH-11645-2 ]	c22 N73-28660	[ NASA-CASE-LEW-10981-1 ]	c14 N74-21018
Hall effect magnetometer		Diffusion welding	
[NASA-CASE-LEH-11632-2]	c14 N73~29437	[NASA-CASE-LEH-11388-2]	c15 N74-21055
ligh speed, self-acting shaft seal		Journal bearings	
[NASA-CASE-LEB-11274-1]	c15 N73-29457	[NASA-CASE-LEU-11076-1]	c15 N74-21061
Low mass rolling element for bearings		Glass-to-metal seals comprising rel	atívely high
[NASA-CASE-LEB-11087-1] Swirl can primary combustor	c15 N73-30458	expansion metals	4F W34 D4043
	the state of the s	[NASA-CASE-LEH-10698-1]	c15 N74-21063.
NASA-CASE-LEH-11326-11	c23 N73-30665		
[NASA-CASE-LEW-11326-1] Ophthalmic liquefaction numb	c23 N73-30665	Hollow rolling element bearings	a15 w7#=2106#
[NASA-CASE-LEW-11326-1] Ophthalmic liquefaction nump [NASA-CASE-LEW-12051-1]		[NASA-CASE-LEH-11087-3]	c15 N74-21064
Ophthalmic liquefaction pump	c23 N73-30665 c04 N73-32000	[NASA-CASE-LEH-11087-3] MATIONAL REROBAUTICS AND SPACE ADMINIS	TRATION.
Opthalmic liquefaction oump [NASA-CASE-LEW-12051-1] Suhanced diffusion welding [NASA-CASE-LEW-11388-1]	c04 N73-32000 c15 N73-32358	[NASA-CASE-LEH-11087-3]	TRATION.
Ophthalmic liquefaction nump [NASA-CASE-LEB-12051-1] Behanced diffusion welding [NASA-CASE-LEB-11388-1] High speed hybrid bearing comprising	c04 N73-32000 c15 N73-32358 a fluid	[NASA-CASE-LEH-11087-3] MATIONAL ARROHAUTICS AND SPACE ADMINIST LYBDOR B. JOHNSON SPACE CRETER, HOUSTO	TRATION.
Ophthalmic liquefaction nump [NASA-CASE-LEB-12051-1] Sphanced diffusion welding [NASA-CASE-LEB-11388-1] High speed hybrid bearing comprising bearing and a rolling bearing conve	c04 N73-32000 c15 N73-32358 a fluid	[NASA-CASE-LEH-11087-3] NATIONAL ARROHAUTICS AND SPACE ADMINIST LYBDON B. JOHNSON SPACE CRETER, HOUSTO Coupling device [NASA-CASE-KHS-07846-1] Flow test device	STRATION. DNg TRX.
Ophthalmic liquefaction pump [NASA-CASE-LEB-12051-1]  Enhanced diffusion welding [NASA-CASE-LEB-11388-1]  High speed hybrid bearing comprising bearing and a rolling bearing conve- series	c04 N73-32000 c15 N73-32358 a fluid cted in	[NASA-CASE-LEH-11087-3] HATIOHAL ARROHAUTICS AND SPACE ADHIBIS LYBDON B. JOHNSON SPACE CENTER, HOUSTO Coupling device [NASA-CASE-KHS-07846-1] Flow test device [NASA-CASE-XHS-04917]	CO9 N69-21927
Ophthalmic liquefaction nump [NASA-CASE-LEW-12051-1] Enhanced diffusion welding [NASA-CASE-LEW-11388-1] High speed hybrid bearing comprising bearing and a rolling bearing conve series [NASA-CASE-LEW-11152-1]	c04 N73-32000 c15 N73-32358 a fluid cted in c15 N73-32359	[NASA-CASE-LEH-11087-3] NATIONAL ARROBAUTICS AND SPACE ADHIBIS LYBDON B. JOHNSON SPACE CENTER, HOUSTO Coupling device [NASA-CASE-KHS-07846-1] Plow test device [NASA-CASE-XHS-04917] Visual target for retrofire attitud	c09 N69-21927 c14 N69-24257 e control
Ophthalmic liquefaction nump [NASA-CASE-LEB-12051-1] Submaced diffusion welding [NASA-CASE-LEB-11388-1] High speed hybrid bearing comprising bearing and a rolling bearing conveseries [NASA-CASE-LEB-11152-1] Hickel aluminide coated low alloy sta	c04 N73-32000 c15 N73-32358 a fluid cted in c15 N73-32359 inless steel	[NASA-CASE-LEH-11087-3] NATIONAL ARROMAUTICS AND SPACE ADMINIST LYBDOR B. JOHNSON SPACE CENTER, HOUSTO Coupling device [NASA-CASE-XHS-07846-1] Flow test device [NASA-CASE-XHS-04917] Visual target for retrofire attitud [NASA-CASE-XHS-12158-1]	c09 N69-21927 c14 N69-24257 e control c31 N69-27499
Ophthalmic liquefaction nump [NASA-CASE-LEB-12051-1] Submaced diffusion welding [NASA-CASE-LEB-11388-1] High speed hybrid bearing comprising bearing and a rolling bearing conveseries [NASA-CASE-LEB-11152-1] Hickel aluminide coated low alloy sta	c04 N73-32000 c15 N73-32358 a fluid cted in c15 N73-32359	[NASA-CASE-LEH-11087-3] NATIONAL ARROMAUTICS AND SPACE ADDIEST LYEDOE B. JOHNSON SPACE CERTER, HOUSTO Coupling device [NASA-CASE-XHS-07846-1] Flow test device [NASA-CASE-XHS-04917] Visual target for retrofire attitud [NASA-CASE-XMS-12158-1] System for monitoring signal amplit	c09 N69-21927 c14 N69-24257 e control c31 N69-27499 ude ranges
Ophthalmic liquefaction pump [NASA-CASE-LEH-12051-1] Enhanced diffusion welding [NASA-CASE-LEH-11388-1] High speed hybrid bearing comprising bearing and a rolling bearing conve- series [NASA-CASE-LEH-11152-1] Hickel aluminide coated low alloy sta [NASA-CASE-LEH-11267-1] Cobalt-base alloy	c04 N73-32000 c15 N73-32358 a fluid cted in c15 N73-32359 inless steel c17 N73-32414	[NASA-CASE-LEH-11087-3] NATIONAL ARROBAUTICS AND SPACE ADHIBIS LYBDON B. JOHNSON SPACE CENTER, HOUSTO Coupling device [NASA-CASE-KHS-07896-1] Flow test device [NASA-CASE-XHS-04917] Visual target for retrofire attitud [NASA-CASE-XMS-12158-1] System for monitoring signal amplit [NASA-CASE-XHS-04061-1]	c09 N69-21927 c14 N69-24257 e control c31 N69-27499
Ophthalmic liquefaction pump [NASA-CASE-LEH-12051-1] Enhanced diffusion welding [NASA-CASE-LEH-11388-1] High speed hybrid bearing comprising bearing and a rolling bearing conve- series [NASA-CASE-LEH-11152-1] Hickel aluminide coated low alloy sta [NASA-CASE-LEH-11267-1] Cobalt-base alloy	c04 N73-32000 c15 N73-32358 a fluid cted in c15 N73-32359 inless steel	[NASA-CASE-LEH-11087-3] NATIONAL ARROMAUTICS AND SPACE ADMINIST LYNDON B. JOHNSON SPACE CENTER, HOUSTO Coupling device [NASA-CASE-XHS-07846-1] Flow test device [NASA-CASE-XHS-04917] Visual target for retrofire attitud [NASA-CASE-XHS-12158-1] System for nonitoring signal amplit [NASA-CASE-XHS-04061-1] Amplifier drift tester	c09 N69-21927 c14 N69-24257 c control c31 N69-27499 ude ranges c09 N69-39885
Ophthalmic liquefaction nump [NASA-CASE-LEB-12051-1] Submaced diffusion welding [NASA-CASE-LEB-11388-1] High speed hybrid bearing comprising bearing and a rolling bearing converseries [NASA-CASE-LEB-11152-1] Hickel aluminide coated low alloy stated aluminide coated low alloy stated lower and comprising to the coated lower and comprising the coated lower alloy stated aluminide coated lower alloy stated aluminide coated lower alloy stated aluminide coated lower alloy stated alloy [NASA-CASE-LEB-10436-1] Higher and coated lower alloy [NASA-CASE-LEB-10436-1]	c04 N73-32000 c15 N73-32358 a fluid cted in c15 N73-32359 inless steel c17 N73-32414	[NASA-CASE-LEH-11087-3] NATIONAL ARROMAUTICS AND SPACE ADMINIST LYBDON B. JOHNSON SPACE CENTER, HOUSTO Coupling device [NASA-CASE-XHS-07846-1] Flow test device [NASA-CASE-XHS-04917] Visual target for retrofire attitud [NASA-CASE-XHS-12158-1] System for monitoring signal amplit [NASA-CASE-XHS-04061-1] Amplifier drift tester [NASA-CASE-XHS-05562-1]	c09 N69-21927 c14 N69-24257 e control c31 N69-27499 ude ranges c09 N69-39885
Ophthalmic liquefaction nump [NASA-CASE-LEW-12051-1] Submanced diffusion welding [NASA-CASE-LEW-11388-1] High speed hybrid bearing comprising bearing and a rolling bearing conve series [NASA-CASE-LEW-11152-1] Hickel aluminide coated low alloy sta [NASA-CASE-LEW-11267-1] Cobalt-base alloy [NASA-CASE-LEW-10436-1] Huclear fuel elements [NASA-CASE-ILEW-10209] Hethod of fabricating a twisted compo	c04 N73-32000 c15 N73-32358 a fluid cted in c15 N73-32359 inless steel c17 N73-32414 c17 N73-32415 c22 N73-32528	[NASA-CASE-LEH-11087-3] NATIONAL ARROBAUTICS AND SPACE ADHIBIS LYBDOB B. JOHNSON SPACE CENTER, HOUSTO Coupling device [NASA-CASE-KHS-07846-1] Plow test device [NASA-CASE-XHS-04917] Visual target for retrofire attitud [NASA-CASE-XHS-12158-1] System for monitoring signal amplit [NASA-CASE-XHS-04061-1] Amplifier drift tester [NASA-CASE-XHS-05562-1] System for improving signal-to-nois communication signal Patent Appl	c09 N69-21927 c14 N69-24257 e control c31 N69-27499 ude ranges c09 N69-39885 e c09 N69-3986
Ophthalmic liquefaction pump [NASA-CASE-LEW-12051-1] Subanced diffusion welding [NASA-CASE-LEW-11388-1] High speed hybrid bearing comprising bearing and a rolling bearing conve- series [NASA-CASE-LEW-11152-1] Hickel aluminide coated low alloy sta [NASA-CASE-LEW-11267-1] Cobalt-base alloy [NASA-CASE-LEW-10436-1] Huclear fuel elements [NASA-CASE-LEW-00209] Hethod of fabricating a twisted compo- superconductor	c04 N73-32000 c15 N73-32358 a fluid cted in c15 N73-32359 inless steel c17 N73-32414 c17 N73-32415 c22 N73-32528 site	[NASA-CASE-LEH-11087-3] NATIONAL ARROMAUTICS AND SPACE ADMINIST LYNDON B. JOHNSON SPACE CENTER, HOUSTO Coupling device [NASA-CASE-XHS-07846-1] Flow test device [NASA-CASE-XHS-04917] Visual target for retrofire attitud [NASA-CASE-XHS-12158-1] System for nonitoring signal amplit [NASA-CASE-XHS-04061-1] Amplifier drift tester [NASA-CASE-XHS-05562-1] System for improving signal-to-nois communication signal Patent Appl [NASA-CASE-HSC-12259-1]	c09 N69-21927 c14 N69-24257 e control c31 N69-27499 ude ranges c09 N69-39885 c09 N69-3986 er ratio of a ication c07 N70-12616
Ophthalmic liquefaction pump [NASA-CASE-LEW-12051-1] Subanced diffusion welding [NASA-CASE-LEW-11388-1] High speed hybrid bearing comprising bearing and a rolling bearing converseries [NASA-CASE-LEW-11152-1] Hickel aluminide coated low alloy stated aluminide coated low alloy stated lower and the subance of the subance o	c04 N73-32000 c15 N73-32358 a fluid cted in c15 N73-32359 inless steel c17 N73-32414 c17 N73-32415 c22 N73-32528 site c26 N73-32571	[NASA-CASE-LEH-11087-3] NATIONAL ARRONAUTICS AND SPACE ADHIBIS LYBDON B. JOHNSON SPACE CENTER, HOUSTO Coupling device [NASA-CASE-XHS-07846-1] Flow test device [NASA-CASE-XHS-04917] Visual target for retrofire attitud [NASA-CASE-XHS-12158-1] System for monitoring signal amplit [NASA-CASE-XHS-04061-1] Amplifier drift tester [NASA-CASE-XHS-05562-1] System for improving signal-to-nois communication signal Patent Appl [NASA-CASE-HSC-12259-1] Two-step rocket engine bipropellant	c09 N69-21927 c14 N69-24257 e control c31 N69-27499 ude ranges c09 N69-39885 c09 N69-39886 e ratio of a ication c07 N70-12616 valve Patent
Ophthalmic liquefaction pump [NASA-CASE-LEW-12051-1] Subhanced diffusion welding [NASA-CASE-LEW-11388-1] ligh speed hybrid bearing comprising bearing and a rolling bearing conve series [NASA-CASE-LEW-11152-1] lickel aluminide coated low alloy sta [NASA-CASE-LEW-11267-1] Cobalt-base alloy [NASA-CASE-LEW-10436-1] Muclear fuel elements [NASA-CASE-LEW-10436-1] lethod of fabricating a twisted compo superconductor [NASA-CASE-LEW-11015] Space webicle with artificial gravity	c04 N73-32000 c15 N73-32358 a fluid cted in c15 N73-32359 inless steel c17 N73-32414 c17 N73-32415 c22 N73-32528 site c26 N73-32571	[NASA-CASE-LEH-11087-3] MATIONAL ARROBAUTICS AND SPACE ADHIBIS LYBDON B. JOHNSON SPACE CENTER, HOUSTO Coupling device [NASA-CASE-XHS-07846-1] Flow test device [NASA-CASE-XHS-04917] Visual target for retrofire attitud [NASA-CASE-XHS-12158-1] System for monitoring signal amplit [NASA-CASE-XHS-04061-1] Amplifier drift tester [NASA-CASE-XHS-05562-1] System for improving signal-to-nois communication signal Patent Appl [NASA-CASE-HSC-12259-1] Tuo-step rocket engine bipropellant [NASA-CASE-XHS-04890-1]	c09 N69-21927 c14 N69-24257 e control c31 N69-27499 ude ranges c09 N69-39885 c09 N69-3986 er ratio of a ication c07 N70-12616
Ophthalmic liquefaction nump [NASA-CASE-LEW-12051-1] Submanced diffusion welding [NASA-CASE-LEW-11388-1] ligh speed hybrid bearing comprising bearing and a rolling bearing conve series [NASA-CASE-LEW-11152-1] lickel aluminide coated low alloy sta [NASA-CASE-LEW-11267-1] cobalt-base alloy [NASA-CASE-LEW-10436-1] luclear fuel elements [NASA-CASE-LEW-10436-1] lethod of fabricating a twisted compo superconductor [NASA-CASE-LEW-11015] space wehicle with artificial gravity earth-like environment	c04 N73-32000 c15 N73-32358 a fluid cted in c15 N73-32359 inless steel c17 N73-32414 c17 N73-32415 c22 N73-32528 site c26 N73-32571 and	[NASA-CASE-LEH-11087-3] NATIONAL ARROBAUTICS AND SPACE ADHIBIS LYNDON B., JOHNSON SPACE CENTER, HOUSTO Coupling device [NASA-CASE-KHS-07846-1] Plow test device [NASA-CASE-XHS-04917] Visual target for retrofire attitud [NASA-CASE-XMS-12158-1] System for monitoring signal amplit [NASA-CASE-XHS-04061-1] Amplifier drift tester [NASA-CASE-XHS-05562-1] System for improving signal-to-nois communication signal Patent Appl [NASA-CASE-HSC-12259-1] THO-step rocket engine bipropellant [NASA-CASE-XHS-04090-1] Heat shield Patent	c09 N69-21927 c14 N69-24257 control c31 N69-27499 ude ranges c09 N69-39885 c09 N69-39886 ie ratio of a ication c07 N70-12616 valve Patent c15 N70-22192
Ophthalmic liquefaction pump [NASA-CASE-LEW-12051-1] Subanced diffusion welding [NASA-CASE-LEW-11388-1] High speed hybrid bearing comprising bearing and a rolling bearing converseries [NASA-CASE-LEW-11152-1] Hickel aluminide coated low alloy stated aluminide coated low alloy stated [NASA-CASE-LEW-11267-1] Cobalt-base alloy [NASA-CASE-LEW-10436-1] Huclear fuel elements [NASA-CASE-LEW-10436-1] Hethod of fabricating a twisted composuperconductor [NASA-CASE-LEW-11015] Higher vehicle with artificial gravity earth-like environment [NASA-CASE-LEW-11101-1]	c04 N73-32000 c15 N73-32358 a fluid cted in c15 N73-32359 inless steel c17 N73-32414 c17 N73-32415 c22 N73-32528 site c26 N73-32571 and c31 N73-32750	[NASA-CASE-LEH-11087-3] NATIONAL ARROMAUTICS AND SPACE ADHIBIS LYBDOB B. JOHNSON SPACE CENTER, HOUSTO Coupling device [NASA-CASE-XHS-07846-1] Flow test device [NASA-CASE-XHS-04917] Visual target for retrofire attitud [NASA-CASE-XHS-12158-1] System for monitoring signal amplit [NASA-CASE-XHS-04061-1] Amplifier drift tester [NASA-CASE-XHS-05562-1] System for improving signal-to-nois communication signal Patent Appl [NASA-CASE-XHS-04890-1] Heat shield Patent [NASA-CASE-XHS-0486]	c09 N69-21927 c14 N69-24257 e control c31 N69-27499 ude ranges c09 N69-39885 c09 N69-39886 e ratio of a ication c07 N70-12616 valve Patent
Ophthalmic liquefaction nump [NASA-CASE-LEW-12051-1] Submanced diffusion welding [NASA-CASE-LEW-11388-1] ligh speed hybrid bearing comprising bearing and a rolling bearing conve series [NASA-CASE-LEW-11152-1] lickel aluminide coated low alloy sta [NASA-CASE-LEW-11267-1] cobalt-base alloy [NASA-CASE-LEW-10436-1] luclear fuel elements [NASA-CASE-LEW-10436-1] lethod of fabricating a twisted compo superconductor [NASA-CASE-LEW-11015] space wehicle with artificial gravity earth-like environment	c04 N73-32000 c15 N73-32358 a fluid cted in c15 N73-32359 inless steel c17 N73-32414 c17 N73-32415 c22 N73-32528 site c26 N73-32571 and c31 N73-32750 olling	[NASA-CASE-LEH-11087-3] NATIONAL ARROMAUTICS AND SPACE ADHIBIS LYBDON B. JOHNSON SPACE CENTER, HOUSTO Coupling device [NASA-CASE-XHS-07846-1] Flow test device [NASA-CASE-XHS-04917] Visual target for retrofire attitud [NASA-CASE-XHS-12158-1] System for monitoring signal amplit [NASA-CASE-XHS-04061-1] Amplifier drift tester [NASA-CASE-XHS-0562-1] System for improving signal-to-nois communication signal Patent Appl [NASA-CASE-XHS-0486] Two-step rocket engine bipropellant [NASA-CASE-XHS-04890-1] Heat shield Patent [NASA-CASE-XHS-00486] Life raft Patent	cop N69-21927 c14 N69-24257 e control c31 N69-27499 ude ranges c09 N69-39885 c09 N69-39886 e ratio of a ication c07 N70-12616 valve Patent c15 N70-22192 c33 N70-33344
Ophthalmic liquefaction pump [NASA-CASE-LEW-12051-1] Subhanced diffusion welding [NASA-CASE-LEW-11388-1] ligh speed hybrid bearing comprising bearing and a rolling bearing conve series [NASA-CASE-LEW-11152-1] lickel aluminide coated low alloy sta [NASA-CASE-LEW-11267-1] cobalt-base alloy [NASA-CASE-LEW-10436-1] luclear fuel elements [NASA-CASE-LEW-10436-1] luclear fuel elements [NASA-CASE-LEW-1015] lethod of fabricating a twisted compo superconductor [NASA-CASE-LEW-11015] lipace vehicle with artificial gravity earth-like environment [NASA-CASE-LEW-11101-1] roduction of hollow components for r element bearings by diffusion weldi	c04 N73-32000 c15 X73-32358 a fluid cted in c15 N73-32359 inless steel c17 N73-32414 c17 N73-32415 c22 N73-32528 site c26 N73-32571 and c31 N73-32750 olling	[NASA-CASE-LEH-11087-3] MATIONAL ARROBAUTICS AND SPACE ADHIBIS LYNDON B., JOHNSON SPACE CENTER, HOUSTO Coupling device [NASA-CASE-KHS-07846-1] Flow test device [NASA-CASE-XHS-04917] Visual target for retrofire attitud [NASA-CASE-XMS-12158-1] System for monitoring signal amplit [NASA-CASE-XHS-04061-1] Amplifier drift tester [NASA-CASE-XHS-05562-1] System for improving signal-to-nois communication signal Patent Appl [NASA-CASE-KSC-12259-1] THO-step rocket engine bipropellant [NASA-CASE-XHS-04890-1] Heat shield Patent [NASA-CASE-XHS-00486] Life raft Patent [NASA-CASE-XHS-00863]	c09 N69-21927 c14 N69-24257 control c31 N69-27499 ude ranges c09 N69-39885 c09 N69-39886 e ratio of a ication c07 N70-12616 valve Patent c15 N70-22192 c33 N70-33344 c05 N70-34857
Ophthalmic liquefaction pump [NASA-CASE-LEW-12051-1] Subanced diffusion welding [NASA-CASE-LEW-11388-1] High speed hybrid bearing comprising bearing and a rolling bearing converseries [NASA-CASE-LEW-11152-1] Hickel aluminide coated low alloy stated aluminide coated low alloy stated lower alloy stated aluminide coated lower alloy stated aluminide coated lower alloy stated aluminide coated lower alloy stated alloy [NASA-CASE-LEW-11267-1] Hobbit coated lower alloy stated composited aluminide coated lower alloy [NASA-CASE-LEW-10436-1] Heada-CASE-LEW-11015] High coated aluminide aluminide superconductor [NASA-CASE-LEW-11015] Hobbit components for relement bearings by diffusion weldited to the supercomposite supercoated aluminide supercoated al	c04 N73-32000 c15 N73-32358 a fluid cted in c15 N73-32359 inless steel c17 N73-32414 c17 N73-32415 c22 N73-32528 site c26 N73-32571 and c31 N73-32750 olling ng c15 N73-33383	[NASA-CASE-LEH-11087-3] NATIONAL ARROBAUTICS AND SPACE ADHIBIS LYNDOB B. JOHNSON SPACE CENTER, HOUSTO Coupling device [NASA-CASE-KHS-07846-1] Plow test device [NASA-CASE-KHS-04917] Visual target for retrofire attitud [NASA-CASE-KHS-04917] System for monitoring signal amplit [NASA-CASE-KHS-04061-1] Amplifier drift tester [NASA-CASE-KHS-05562-1] System for improving signal-to-nois communication signal Patent Appl [NASA-CASE-KHS-04890-1] Heat shield Patent [NASA-CASE-KHS-04890-1] Heat shield Patent [NASA-CASE-KHS-00486] Life raft Patent [NASA-CASE-KHS-00486] Shock absorbing support and restrai	cop N69-21927 c14 N69-24257 control c31 N69-27499 ude ranges c09 N69-39885 c09 N69-39886 e ratio of a ication c07 N70-12616 valve Patent c15 N70-22192 c33 N70-33344 c05 N70-34857 nt means Patent
Ophthalmic liquefaction pump [NASA-CASE-LEW-12051-1] Enhanced diffusion welding [NASA-CASE-LEW-11388-1] ligh speed hybrid bearing comprising bearing and a rolling bearing conve- series [NASA-CASE-LEW-11152-1] lickel aluminide coated low alloy sta [NASA-CASE-LEW-11267-1] Cobalt-base alloy [NASA-CASE-LEW-10436-1] Ruclear fuel elements [NASA-CASE-LEW-10436-1] lethod of fabricating a twisted compo- superconductor [NASA-CASE-LEW-11015] lipace wehicle with artificial gravity earth-like environment [NASA-CASE-LEW-11101-1] Production of hollow components for r element bearings by diffusion weldi [NASA-CASE-LEW-11026-1] lectron beam controller [NASA-CASE-LEW-11617-1]	c04 N73-32000 c15 X73-32358 a fluid cted in c15 N73-32359 inless steel c17 N73-32414 c17 N73-32415 c22 N73-32528 site c26 N73-32571 and c31 N73-32750 olling	[NASA-CASE-LEH-11087-3] NATIONAL ARROMAUTICS AND SPACE ADHIBIS LYBDON B. JOHNSON SPACE CENTER, HOUSTO Coupling device [NASA-CASE-XHS-07846-1] Flow test device [NASA-CASE-XHS-04917] Visual target for retrofire attitud [NASA-CASE-XHS-12158-1] System for monitoring signal amplit [NASA-CASE-XHS-04061-1] Amplifier drift tester [NASA-CASE-XHS-05662-1] System for improving signal-to-nois communication signal Patent Appl [NASA-CASE-XHS-04890-1] THO-step rocket engine bipropellant [NASA-CASE-XHS-04890-1] Heat shield Patent [NASA-CASE-XHS-00486] Life raft Patent [NASA-CASE-XHS-00863] Shock absorbing support and restrai [NASA-CASE-XHS-01240]	cop N69-21927 c14 N69-24257 e control c31 N69-27499 ude ranges c09 N69-39885 c09 N69-39886 e ratio of a ication c07 N70-12616 valve Patent c15 N70-22192 c33 N70-33344 c05 N70-34857 nt means Patent c05 N70-35152
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Spacecraft radiator cover Patent [NASA-CASE-MSC-12049] c31 N71-16080  Nethod of improving heat transfer characteristics in a nucleate boiling process Patent [NASA-CASE-XMS-04268] c33 N71-16277  Heated element fluid flow sensor Patent [NASA-CASE-MSC-12084-1] c12 N71-17569  Biological isolation garment Patent [NASA-CASE-MSC-12206-1] c05 N71-17599  Metal valve pintle with encapsulated elastomeric body Patent [NASA-CASE-MSC-12116-1] c15 N71-17648  Method for forming plastic materials Patent [NASA-CASE-XMS-05516] c15 N71-17803  Flexible blade antenna Patent [NASA-CASE-MSC-12101] c09 N71-18720	assembly Patent [NASA-CASE-XMS-02063] Orygen production method and apparatus [NASA-CASE-MSC-12332-1] Color television system [NASA-CASE-MSC-12146-1] Current dependent filter inductance [NASA-CASE-MSC-10139] Low onset rate energy absorber [NASA-CASE-MSC-12279] Stand-off type ablative heat shield [NASA-CASE-MSC-12143-1] Photographic film restoration system [NASA-CASE-MSC-12448-1] Optical range finder having nonoverlapping complete images [NASA-CASE-NSC-12105-1] COS N72-17450 C15 N72-17450 C14 N72-20394 Optical range finder having nonoverlapping complete images [NASA-CASE-NSC-12105-1] C14 N72-21409
Spacecraft radiator cover Patent [NASA-CASE-MSC-12049]	assembly Patent [NASA-CASE-XMS-02063] Crygen production method and apparatus [NASA-CASE-MSC-12332-1] Color television system [NASA-CASE-MSC-12146-1] Current dependent filter inductance [NASA-CASE-MSC-10139] LOW ORSET rate energy absorber [MASA-CASE-MSC-12279] Stand-off type ablative heat shield [NASA-CASE-MSC-12143-1] Photographic film restoration system [MASA-CASE-MSC-12448-1] Complete images [NASA-CASE-MSC-12105-1] Complete images [NASA-CASE-NSC-12105-1] Copen type urine receptacle
Spacecraft radiator cover Patent [NASA-CASE-MSC-12049] c31 N71-16080 Method of improving heat transfer characteristics in a nucleate boiling process Patent [NASA-CASE-MSC-04268] c33 N71-16277 Heated element fluid flow sensor Patent [NASA-CASE-MSC-12084-1] c12 N71-17569 Biological isolation garment Patent [NASA-CASE-MSC-12206-1] c05 N71-17599 Metal valve pintle with encapsulated elastomeric body Patent [NASA-CASE-MSC-12116-1] c15 N71-17648 Method for forming plastic materials Patent [NASA-CASE-MSC-05516] c15 N71-17803 Flexible blade antenna Patent [NASA-CASE-MSC-12101] c09 N71-18720 Space suit heat exchanger Patent [NASA-CASE-MSC-09571] c05 N71-19439	assembly Patent [NASA-CASE-XMS-02063] Orygen production method and apparatus [NASA-CASE-MSC-12332-1] Color television system [NASA-CASE-MSC-12146-1] Current dependent filter inductance [NASA-CASE-MSC-10139] LOW onset rate energy absorber [NASA-CASE-MSC-12279] Stand-off type ablative heat shield [NASA-CASE-MSC-12143-1] Photographic film restoration system [NASA-CASE-MSC-12448-1] Optical range finder having nonoverlapping complete images [NASA-CASE-MSC-12105-1] Open type urine receptacle [NASA-CASE-MSC-12324-1] COS N72-22093
Spacecraft radiator cover Patent [NASA-CASE-MSC-12049] c31 N71-16080  Method of improving heat transfer characteristics in a nucleate boiling process Patent [NASA-CASE-XES-04268] c33 N71-16277  Heated element fluid flow sensor Patent [NASA-CASE-MSC-12084-1] c12 N71-17569  Biological isolation garment Patent [NASA-CASE-MSC-12206-1] c05 N71-17599  Metal valve pintle with encapsulated elastomeric body Patent [NASA-CASE-MSC-12116-1] c15 N71-17648  Method for forming plastic materials Patent [NASA-CASE-MSC-516] c15 N71-17803  Flexible blade antenna Patent [NASA-CASE-MSC-12101] c09 N71-18720  Space suit heat exchanger Patent [NASA-CASE-MSC-05971] c05 N71-19439  Light intensity modulator controller	assembly Patent [NASA-CASE-XMS-02063] Orygen production method and apparatus [NASA-CASE-MSC-12332-1] Color television system [NASA-CASE-MSC-12146-1] Current dependent filter inductance [NASA-CASE-MSC-10139] Current dependent filter inductance [NASA-CASE-MSC-10139] Color television system [NASA-CASE-MSC-12143-1] Color television system [NASA-CASE-MSC-12279] Color television system [NASA-CASE-MSC-12143-1] Color type ablative heat shield [NASA-CASE-MSC-12143-1] Color type urine restoration system [NASA-CASE-MSC-12324-1] Color type urine receptacle [NASA-CASE-MSC-12324-1]
Spacecraft radiator cover Patent [NASA-CASE-MSC-12049] Nethod of improving heat transfer characteristics in a nucleate boiling process Patent [NASA-CASE-XMS-04268] Nethod lement fluid flow sensor Patent [NASA-CASE-MSC-12084-1] Space suit heat exchanger [NASA-CASE-MSC-1216-1] Nethod for forming plastic materials [NASA-CASE-MSC-12116-1] Nethod for forming plastic materials [NASA-CASE-MSC-12101] Space suit heat exchanger Patent [NASA-CASE-MSC-0571] Light intensity modulator controller [NASA-CASE-XMS-04300] Space Suit heat exchanger [NASA-CASE-XMS-04300]  Space Suit heat exchanger [NASA-CASE-XMS-04300]  Space Suit heat exchanger [NASA-CASE-XMS-04300]  Space Suit heat exchanger [NASA-CASE-XMS-04300]	assembly Patent [NASA-CASE-XMS-02063]  Orygen production method and apparatus [NASA-CASE-MSC-12332-1]  Color television system [NASA-CASE-MSC-12146-1]  Current dependent filter inductance [NASA-CASE-MSC-10139]  Low onset rate energy absorber [NASA-CASE-MSC-12279]  Stand-off type ablative heat shield [NASA-CASE-MSC-12143-1]  Photographic film restoration system [NASA-CASE-MSC-12448-1]  Optical range finder having nonoverlapping complete images [NASA-CASE-MSC-12105-1]  Open type urine receptacle [NASA-CASE-MSC-12324-1]  Zamily of frequency to amplitude converters [NASA-CASE-MSC-12395]  COS N72-22557
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Spacecraft radiator cover Patent [NASA-CASE-MSC-12049]  Method of improving heat transfer characteristics in a nucleate boiling process Patent [NASA-CASE-XMS-04268]  Gas N71-16277  Heated element fluid flow sensor Patent [NASA-CASE-MSC-12084-1]  Gos N71-17569  Biological isolation garment Patent [NASA-CASE-MSC-12206-1]  Metal valve pintle with encapsulated elastomeric body Patent [NASA-CASE-MSC-12116-1]  Gus NASA-CASE-MSC-12116-1]  Constant Patent [NASA-CASE-MSC-12116-1]  Constant Patent [NASA-CASE-MSC-12116-1]  Constant Patent [NASA-CASE-MSC-12101]  Flexible blade antenna Patent [NASA-CASE-MSC-12101]  Space suit heat exchanger Patent [NASA-CASE-MSC-12101]  Light intensity modulator controller [NASA-CASE-MSC-04300]  Solar optical telescope dome control system Patent [NASA-CASE-MSC-10966]	assembly Patent [NASA-CASE-XMS-02063] Orygen production method and apparatus [NASA-CASE-NSC-12332-1] Color television system [NASA-CASE-MSC-12146-1] Current dependent filter inductance [NASA-CASE-RSC-10139] Low onset rate energy absorber [NASA-CASE-MSC-12279] Stand-off type ablative heat shield [NASA-CASE-MSC-12143-1] Photographic film restoration system [NASA-CASE-MSC-12448-1] Optical range finder having nonoverlapping complete images [NASA-CASE-MSC-12105-1] Open type urine receptacle [NASA-CASE-MSC-12324-1] Pamily of frequency to amplitude converters [NASA-CASE-MSC-12395] Family of frequency to amplitude converters [NASA-CASE-MSC-123324-1] Foldable construction block [NASA-CASE-MSC-12233-1] Color 172-15476 Color 122044 Co
Spacecraft radiator cover Patent [NASA-CASE-MSC-12049] Nethod of improving heat transfer characteristics in a nucleate boiling process Patent [NASA-CASE-XES-04268] Reated element fluid flow sensor Patent [NASA-CASE-MSC-12084-1] Reated element fluid flow sensor Patent [NASA-CASE-MSC-12084-1] Reated element fluid flow sensor Patent [NASA-CASE-MSC-12206-1] Reated element fluid flow sensor Patent [NASA-CASE-MSC-12206-1] Reated element fluid flow sensor Patent [NASA-CASE-MSC-1216-1] Reated element fluid flow sensor Patent [NASA-CASE-MSC-12116-1] Reated element fluid flow sensor Patent [NASA-CASE-MSC-05516] Reated element fluid flow sensor Patent [NASA-CASE-MSC-12101] Reated element fluid flow sensor Patent [NASA-CASE-MSC-12101] Reated element fluid flow sensor Patent [NASA-CASE-MSC-04300] Reated elem	assembly Patent [NASA-CASE-XMS-02063]  Orygen production method and apparatus [NASA-CASE-MSC-12332-1]  Color television system [NASA-CASE-MSC-12146-1]  Current dependent filter inductance [NASA-CASE-MSC-10139]  Company of the system [NASA-CASE-MSC-1279]  Company of the system [NASA-CASE-MSC-1279]  Company of the system [NASA-CASE-MSC-12443-1]  Company of the system [NASA-CASE-MSC-12448-1]  Optical range finder having nonoverlapping  complete images [NASA-CASE-MSC-12324-1]  Open type urine receptacle [NASA-CASE-MSC-12324-1]  Company of frequency to amplitude converters [NASA-CASE-MSC-12332-1]  Company of frequency to amplitude converters [NASA-CASE-MSC-12333-1]  Company of frequency to amplitude converters [NASA-CASE-MSC-1233-1]  Company of frequency to amplitude converters [NASA-CASE-MSC-12333-1]
Spacecraft radiator cover Patent [NASA-CASE-MSC-12049] Method of improving heat transfer characteristics in a nucleate boiling process Patent [NASA-CASE-XMS-04268] Method of improving heat transfer characteristics in a nucleate boiling process Patent [NASA-CASE-XMS-04268] Method element fluid flow sensor Patent [NASA-CASE-MSC-12084-1] Biological isolation garment Patent [NASA-CASE-MSC-12206-1] Method valve pintle with encapsulated elastomeric body Patent [NASA-CASE-MSC-12116-1] Method for forming plastic materials Patent [NASA-CASE-MSC-12101] Space suit heat exchanger Patent [NASA-CASE-MSC-12101] Space suit heat exchanger Patent [NASA-CASE-XMS-09571] Light intensity modulator controller [NASA-CASE-XMS-04300] Solar optical telescope dome control system Patent [NASA-CASE-MSC-10966] High temperature compositions Patent [NASA-CASE-XMS-00370] C17 N71-20941	assembly Patent [NASA-CASE-XMS-02063] Orygen production method and apparatus [NASA-CASE-NSC-12332-1] Color television system [NASA-CASE-MSC-12146-1] Current dependent filter inductance [NASA-CASE-RSC-10139] Low onset rate energy absorber [NASA-CASE-MSC-12279] Stand-off type ablative heat shield [NASA-CASE-MSC-12143-1] Photographic film restoration system [NASA-CASE-MSC-12448-1] Optical range finder having nonoverlapping complete images [NASA-CASE-MSC-12105-1] Open type urine receptacle [NASA-CASE-MSC-12324-1] Pamily of frequency to amplitude converters [NASA-CASE-MSC-12395] Family of frequency to amplitude converters [NASA-CASE-MSC-123324-1] Foldable construction block [NASA-CASE-MSC-12233-1] Color 172-15476 Color 122044 Co
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Spacecraft radiator cover Patent [NASA-CASE-MSC-12049]  Wethod of improving heat transfer characteristics in a nucleate boiling process Patent [NASA-CASE-XMS-04268]  With the process characteristics in a nucleate boiling process Patent [NASA-CASE-XMS-04268]  With the process characteristics in a nucleate boiling process Patent [NASA-CASE-XMS-04268]  With the process characteristic color of the process  With the process characteristic color of the process  With the process characteristic color of the process characteristic characteristic color of the process characteristic characteristic color of the process characteristic character	assembly Patent [NASA-CASE-XMS-02063] Orygen production method and apparatus [NASA-CASE-MSC-12332-1] Color television system [NASA-CASE-MSC-12146-1] Current dependent filter inductance [NASA-CASE-MSC-10139] LOW onset rate energy absorber [NASA-CASE-MSC-12279] Stand-off type ablative heat shield [NASA-CASE-MSC-12143-1] Photographic film restoration system [NASA-CASE-MSC-12448-1] Optical range finder having nonoverlapping complete images [NASA-CASE-MSC-12324-1] Open type urine receptacle [NASA-CASE-MSC-12324-1] Open type urine receptacle [NASA-CASE-MSC-12395] Smily of frequency to amplitude converters [NASA-CASE-MSC-12333-1] Bethod and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-EEC-10325] Scientific experiment flexible mount [NASA-CASE-MSC-12372-1] Burn rate testing apparatus
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Spacecraft radiator cover Patent [NASA-CASE-MSC-12049] Nethod of improving heat transfer characteristics in a nucleate boiling process Patent [NASA-CASE-XES-04268] Reated element fluid flow sensor Patent [NASA-CASE-MSC-12084-1] Siological isolation garment Patent [NASA-CASE-MSC-12206-1] Netal valve pintle with encapsulated elastomeric body Patent [NASA-CASE-MSC-12116-1] Subsa-CASE-MSC-12116-1] C15 N71-17648 Method for forming plastic materials Patent [NASA-CASE-MSC-05516] Flexible blade antenna Patent [NASA-CASE-MSC-12101] Space suit heat exchanger Patent [NASA-CASE-MSC-0571] Light intensity modulator controller Patent [NASA-CASE-MSC-04300] Solar optical telescope dome control [NASA-CASE-MSC-00370] Radiation detector readout system Patent [NASA-CASE-XMS-00370] Subgravity simulator Patent [NASA-CASE-XMS-04798] Subgravity simulator Patent [NASA-CASE-MSC-04798] Subgravity simulator Patent [NASA-CASE-MSC-04798] Shock absorber Patent [NASA-CASE-MSC-04798] C11 N71-21474 Shock absorber Patent [NASA-CASE-MSC-04798] C15 N71-21530	assembly Patent [NASA-CASE-XMS-02063]  Orygen production method and apparatus [NASA-CASE-NSC-12332-1]  Color television system [NASA-CASE-MSC-12146-1]  Current dependent filter inductance [NASA-CASE-RSC-10139]  Low onset rate energy absorber [NASA-CASE-MSC-12279]  Stand-off type ablative heat shield [NASA-CASE-MSC-12143-1]  Photographic film restoration system [NASA-CASE-MSC-12448-1]  Optical range finder having nonoverlapping  complete images [NASA-CASE-MSC-12105-1]  Open type urine receptacle [NASA-CASE-MSC-12324-1]  Pamily of frequency to amplitude converters [NASA-CASE-MSC-12324-1]  Pamily of frequency to amplitude converters [NASA-CASE-MSC-123324-1]  Poldable construction block [NASA-CASE-MSC-12333-1]  Method and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-EEC-10325]  Scientific experiment flexible mount [NASA-CASE-MSC-12372-1]  Burn rate testing apparatus [NASA-CASE-XSE-MSC-0690]  C33 N72-25913  System for improving signal-to-noise ratio of a
Spacecraft radiator cover Patent [NASA-CASE-MSC-12049] Nethod of improving heat transfer characteristics in a nucleate boiling process Patent [NASA-CASE-XMS-04268] Reated element fluid flow sensor Patent [MASA-CASE-MSC-12084-1] Biological isolation garment Patent [NASA-CASE-MSC-12206-1] Reated valve pintle with encapsulated elastomeric body Patent [NASA-CASE-MSC-12116-1] Biological isolation garment Patent [NASA-CASE-MSC-12206-1] Biological isolation garment Patent [NASA-CASE-MSC-1216-1] C05 N71-17599 Metal valve pintle with encapsulated elastomeric body Patent [NASA-CASE-MSC-12116-1] C15 N71-17648 Method for forming plastic materials Patent [NASA-CASE-MSC-05516] Flexible blade antenna Patent [NASA-CASE-MSC-05516] Space suit heat exchanger Patent [NASA-CASE-MSC-05511] C09 N71-18720 Space suit heat exchanger Patent [NASA-CASE-MSC-09571] Light intensity modulator controller Patent [NASA-CASE-MSC-04300] Solar optical telescope dome control system Patent [NASA-CASE-MSC-00370] Radiation detector readout system Patent [NASA-CASE-MS-00378] Subgravity simulator Patent [NASA-CASE-MS-03478] Subgravity simulator Patent [NASA-CASE-MS-04798] Shock absorber Patent	assembly Patent [NASA-CASE-XMS-02063]  Orygen production method and apparatus [NASA-CASE-NSC-12332-1]  Color television system [NASA-CASE-MSC-12146-1]  Current dependent filter inductance [NASA-CASE-RSC-10139]  LOW onset rate energy absorber [NASA-CASE-MSC-12279]  Cash of type ablative heat shield [NASA-CASE-MSC-12143-1]  Photographic film restoration system [NASA-CASE-MSC-12448-1]  Optical range finder having nonoverlapping  complete images [NASA-CASE-MSC-12105-1]  Open type urine receptacle [NASA-CASE-MSC-12324-1]  Cos N72-22093  Family of frequency to amplitude converters [NASA-CASE-MSC-1233-1]  Cos N72-2557  Poldable construction block [NASA-CASE-MSC-1233-1]  Method and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-MSC-12372-1]  Method and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-MSC-12372-1]  Cos N72-25457  Scientific experiment flexible mount [NASA-CASE-MSC-12372-1]  Burn rate testing apparatus [NASA-CASE-MSC-09690]  Cos N72-25913  System for improving signal-to-noise ratio of a communication signal
Spacecraft radiator cover Patent [NASA-CASE-MSC-12049]  Wethod of improving heat transfer characteristics in a nucleate boiling process Patent [NASA-CASE-XMS-04268]  Wethod delement fluid flow sensor Patent [WASA-CASE-MSC-12084-1]  Wethod coloridal isolation garment Patent [NASA-CASE-MSC-12206-1]  Wethod verifies with encapsulated elastomeric body Patent [NASA-CASE-MSC-12116-1]  Wethod for forming plastic materials Patent [NASA-CASE-XMS-05516]  Flexible blade antenna Patent [NASA-CASE-XMS-05516]  Space suit heat exchanger Patent [NASA-CASE-XMS-09571]  Light intensity modulator controller Patent [NASA-CASE-XMS-04300]  Solar optical telescope dome control system Patent [NASA-CASE-XMS-04300]  Solar optical telescope dome control system Patent [NASA-CASE-XMS-004370]  Radiation detector readout system Patent [NASA-CASE-XMS-0370]  Radiation detector readout system Patent [NASA-CASE-XMS-0372]  Solar avity simulator Patent [NASA-CASE-XMS-0372]  Radiation detector readout system Patent [NASA-CASE-XMS-0372]  Radiation detector reado	assembly Patent [NASA-CASE-XMS-02063] Corygen production method and apparatus [NASA-CASE-MSC-12332-1] Color television system [NASA-CASE-MSC-12146-1] Current dependent filter inductance [NASA-CASE-MSC-10139] Color tate energy absorber [NASA-CASE-MSC-12279] Stand-Off type ablative heat shield [NASA-CASE-MSC-12143-1] Photographic film restoration system [NASA-CASE-MSC-12448-1] Color tate inages [NASA-CASE-MSC-12448-1] Color tate energy absorber [NASA-CASE-MSC-12448-1] Color tate energy absorber [NASA-CASE-MSC-12448-1] Color tate energy absorber [NASA-CASE-MSC-12105-1] Color tate energy absorber [NASA-CASE-MSC-12324-1] Color tate energy absorber [NASA-CASE-MSC-123324-1] Color tate energy energian en
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Spacecraft radiator cover Patent [NASA-CASE-MSC-12049]  Wethod of improving heat transfer characteristics in a nucleate boiling process Patent [NASA-CASE-XMS-04268]  Rated element fluid flow sensor Patent [NASA-CASE-MSC-12084-1]  Eliological isolation garment Patent [NASA-CASE-MSC-12206-1]  Metal valve pintle with encapsulated elastomeric body Patent [NASA-CASE-MSC-12116-1]  Method for forming plastic materials Patent [NASA-CASE-MSC-12116-1]  Eliological isolation atterials Patent [NASA-CASE-MSC-12116-1]  Eliological isolation garment Patent [NASA-CASE-MSC-12116-1]  Eliological valve pintle with encapsulated elastomeric body Patent [NASA-CASE-MSC-1210]  Eliological isolation plastic materials Patent [NASA-CASE-MSC-1210]  Eliological isolation plastic materials  Eliological isological plastic materials  Eliological isological plastic materials  Eliological isological plastic materials	assembly Patent [NASA-CASE-XMS-02063] Orygen production method and apparatus [NASA-CASE-MSC-12332-1] Color television system [NASA-CASE-MSC-12146-1] Current dependent filter inductance [NASA-CASE-MSC-10139] LOW onset rate energy absorber [NASA-CASE-MSC-12279] Stand-off type ablative heat shield [NASA-CASE-MSC-12143-1] Photographic film restoration system [NASA-CASE-MSC-12448-1] Optical range finder having nonoverlapping complete images [NASA-CASE-MSC-12105-1] Open type urine receptacle [NASA-CASE-MSC-12324-1] Cos N72-22093 Family of frequency to amplitude converters [NASA-CASE-MSC-123324-1] Cos N72-22093 Family of frequency to amplitude converters [NASA-CASE-MSC-123324-1] Cos N72-2557 Foldable construction block [NASA-CASE-MSC-1233-1] Ethod and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-MSC-12372-1] Burn rate testing apparatus [NASA-CASE-MSC-12372-1] Cos N72-25454 Eurn rate testing apparatus [NASA-CASE-MSC-12372-1] Cos N72-25457 Scientific experiment flexible mount [NASA-CASE-MSC-12372-1] Cos N72-25457 Scientific experiment flexible mount [NASA-CASE-MSC-12372-1] Cos N72-25457 Communication signal [NASA-CASE-MSC-12549-1] Cos N72-25451 C
Spacecraft radiator cover Patent [NASA-CASE-NSC-12049]  Wethod of improving heat transfer characteristics in a nucleate boiling process Patent [NASA-CASE-XHS-04268]  Wethod of improving heat transfer characteristics in a nucleate boiling process Patent [NASA-CASE-XHS-04268]  Wethod delement fluid flow sensor Patent [BASA-CASE-MSC-12084-1]  Wethod for Sensor Patent [WASA-CASE-MSC-1206-1]  Wethod for forming plastic materials [WASA-CASE-MSC-12116-1]  Wethod for forming plastic materials [WASA-CASE-MSC-12116-1]  Wethod for forming plastic materials [WASA-CASE-MSC-05516]  Flexible blade antenna Patent [WASA-CASE-MSC-12101]  Space suit heat exchanger Patent [WASA-CASE-MSC-12101]  Space suit heat exchanger Patent [WASA-CASE-MSC-09571]  Light intensity modulator controller Fatent [WASA-CASE-XHS-09571]  Solar optical telescope dome control system Patent [WASA-CASE-XHS-0966]  Wight temperature compositions Patent [WASA-CASE-XHS-00370]  Waddiation detector readout system Patent [WASA-CASE-XHS-03478]  Subgravity simulator Patent [WASA-CASE-XHS-03478]  Subgravity simulator Patent [WASA-CASE-XHS-03722]  Apparatus for machining geometric cones Patent [WASA-CASE-XHS-04292]  Rescue litter flotation assembly Patent [WASA-CASE-XHS-04170]  Aligning and positioning device Patent [WASA-CASE-XHS-04170]  Aligning and positioning device Patent [WASA-CASE-XHS-04170]  Aligning and positioning device Patent [WASA-CASE-XHS-04170]  Tension measurement device Patent	assembly Patent [NASA-CASE-XMS-02063] Orygen production method and apparatus [NASA-CASE-MSC-12332-1] Color television system [NASA-CASE-MSC-12146-1] Current dependent filter inductance [NASA-CASE-RSC-10139] Low onset rate energy absorber [NASA-CASE-MSC-12279] Stand-off type ablative heat shield [NASA-CASE-MSC-12143-1] Photographic film restoration system [NASA-CASE-MSC-12448-1] Optical range finder having nonoverlapping complete images [NASA-CASE-MSC-12105-1] Open type urine receptacle [NASA-CASE-MSC-12324-1] Panily of frequency to amplitude converters [NASA-CASE-MSC-123324-1] Panily of frequency to amplitude converters [NASA-CASE-MSC-123324-1] Poldable construction block [NASA-CASE-MSC-1233-1] Rethod and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-MSC-12372-1] Scientific experiment flexible mount [NASA-CASE-MSC-12372-1] Surn rate testing apparatus [NASA-CASE-MSC-12372-1] System for improving signal-to-noise ratio of a communication signal [NASA-CASE-MSC-12549-1] Color N72-17547  Altitude measuring system  [NASA-CASE-MSC-12549-1] Color N73-12151  Altitude measuring system
Spacecraft radiator cover Patent [NASA-CASE-NSC-12049]  Wethod of improving heat transfer characteristics in a nucleate boiling process Patent [NASA-CASE-XHS-04268]  Wethod of improving heat transfer characteristics in a nucleate boiling process Patent [NASA-CASE-XHS-04268]  Wethod delement fluid flow sensor Patent [BASA-CASE-MSC-12084-1]  Wethod for Sensor Patent [WASA-CASE-MSC-1206-1]  Wethod for forming plastic materials [WASA-CASE-MSC-12116-1]  Wethod for forming plastic materials [WASA-CASE-MSC-05516]  Flexible blade antenna Patent [WASA-CASE-MSC-12101]  Space suit heat exchanger Patent [WASA-CASE-MSC-12101]  Space suit heat exchanger Patent [WASA-CASE-XHS-09571]  Light intensity modulator controller Fatent [WASA-CASE-XHS-04300]  Space Suit heat exchanger Patent [WASA-CASE-XHS-0966]  Wethod delector readout system Patent [WASA-CASE-XHS-00370]  Radiation detector readout system [WASA-CASE-XHS-00370]  Radiation detector readout system [WASA-CASE-XHS-0478]  Subgravity simulator Patent [WASA-CASE-XHS-03722]  Apparatus for machining geometric cones Patent [WASA-CASE-XHS-04798]  C15 W71-21530  Apparatus for machining geometric cones Patent [WASA-CASE-XHS-04798]  C15 W71-22722  Rescue litter flotation assembly Patent [WASA-CASE-XHS-04170]  Aligning and positioning device Patent [WASA-CASE-XHS-04170]  Aligning and positioning device Patent [WASA-CASE-XHS-04178]  Tension measurement device Patent	assembly Patent [NASA-CASE-XMS-02063] Orygen production method and apparatus [NASA-CASE-MSC-12332-1] Color television system [NASA-CASE-MSC-12146-1] Current dependent filter inductance [NASA-CASE-MSC-10139] Current dependent filter inductance [NASA-CASE-MSC-12279] Color television system [NASA-CASE-MSC-12279] Color television system [NASA-CASE-MSC-12143-1] Color television system [NASA-CASE-MSC-12279] Color television system [NASA-CASE-MSC-12279] Color trate energy absorber [NASA-CASE-MSC-12143-1] Color trate energy absorber [NASA-CASE-MSC-12143-1] Color trate energy absorber [NASA-CASE-MSC-12448-1] Color trate energy absorber [NASA-CASE-MSC-12448-1] Color trate energy absorber [NASA-CASE-MSC-12448-1] Color trate energy absorber [NASA-CASE-MSC-12105-1] Color trate energy absorber [NASA-CASE-MSC-12324-1] Color trate energy absorber [NASA-CASE-MSC-12324-1] Color trate energy absorber [NASA-CASE-MSC-12324-1] Color trate energy absorber [NASA-CASE-MSC-1233-1] Color trate energy absorber [NASA-CASE-MSC-12372-1] Color trate energy absorber [NASA-CASE-MSC-12549-1] Color trate energy absorber [NASA-CASE-
Spacecraft radiator cover Patent [NASA-CASE-NSC-12049] Nethod of improving heat transfer characteristics in a nucleate boiling process Patent [NASA-CASE-XHS-04268] C33 N71-16277 Heated element fluid flow sensor Patent [NASA-CASE-MSC-12084-1] Eiological isolation garment Patent [NASA-CASE-MSC-12206-1] Metal valve pintle with encapsulated elastomeric body Patent [NASA-CASE-MSC-12116-1] Method for forming plastic materials Patent [NASA-CASE-MSC-12116-1] Herhod for forming plastic materials Patent [NASA-CASE-MSC-12101] Space suit heat exchanger Patent [NASA-CASE-MSC-12101] Space suit heat exchanger Patent [NASA-CASE-XHS-09571] Light intensity modulator controller [NASA-CASE-XHS-04300] Solar optical telescope dome control system Patent [NASA-CASE-XHS-00370] Radiation detector readout system Patent [NASA-CASE-XHS-0377] Subgravity simulator Patent [NASA-CASE-XHS-04798] Shock absorber Patent [NASA-CASE-XHS-04798] Apparatus for machining geometric cones Patent [NASA-CASE-XHS-04292] Apparatus for machining geometric cones Patent [NASA-CASE-XHS-04170] Rescue litter floatation assembly Patent [NASA-CASE-XHS-04170] C05 N71-22798 Aligning and positioning device Patent [NASA-CASE-XHS-04178] Tension measurement device Patent [NASA-CASE-XHS-04545] Amplitude modulated laser transmitter [NASA-CASE-XHS-04545] Amplitude modulated laser transmitter [NASA-CASE-XHS-0456] C16 N71-22895	assembly Patent [NASA-CASE-XMS-02063] Orygen production method and apparatus [NASA-CASE-MSC-12332-1] Color television system [NASA-CASE-MSC-12146-1] Current dependent filter inductance [NASA-CASE-RSC-10139] Low onset rate energy absorber [NASA-CASE-MSC-12279] Stand-off type ablative heat shield [NASA-CASE-MSC-12143-1] Photographic film restoration system [NASA-CASE-MSC-12448-1] Optical range finder having nonoverlapping complete images [NASA-CASE-MSC-12105-1] Open type urine receptacle [NASA-CASE-MSC-12324-1] Panily of frequency to amplitude converters [NASA-CASE-MSC-123324-1] Panily of frequency to amplitude converters [NASA-CASE-MSC-123324-1] Poldable construction block [NASA-CASE-MSC-1233-1] Rethod and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-MSC-12372-1] Scientific experiment flexible mount [NASA-CASE-MSC-12372-1] Surn rate testing apparatus [NASA-CASE-MSC-12372-1] System for improving signal-to-noise ratio of a communication signal [NASA-CASE-MSC-12549-1] Color N72-17547  Altitude measuring system  [NASA-CASE-MSC-12549-1] Color N73-12151  Altitude measuring system
Spacecraft radiator cover Patent [NASA-CASE-NSC-12049]  Wethod of improving heat transfer characteristics in a nucleate boiling process Patent [NASA-CASE-XHS-04268]  Wethod element fluid flow sensor Patent [BASA-CASE-MSC-12084-1]  Wethod element fluid flow sensor Patent [BASA-CASE-MSC-12084-1]  Wethod flow pintle with encapsulated elastomeric body Patent [WASA-CASE-MSC-12116-1]  Wethod for forming plastic materials [WASA-CASE-MSC-12116-1]  Wethod for forming plastic materials [WASA-CASE-MSC-12101]  Space suit heat exchanger Patent [WASA-CASE-MSC-12101]  Space suit heat exchanger Patent [WASA-CASE-XHS-05516]  Light intensity modulator controller Fatent [WASA-CASE-XHS-04300]  Solar optical telescope dome control system Patent [WASA-CASE-MSC-10966]  WHASA-CASE-MSC-10966]  WHASA-CASE-MSC-10966]  WHASA-CASE-XHS-04798]  Subgravity simulator Patent [WASA-CASE-XHS-03478]  Subgravity simulator Patent [WASA-CASE-XHS-04798]  Shock absorber Patent [WASA-CASE-XHS-04798]  Shock absorber Patent [WASA-CASE-XHS-04798]  Shock absorber Patent [WASA-CASE-XHS-04798]  C11 M71-21530  Apparatus for machining geometric cones Patent [WASA-CASE-XHS-04792]  Rescue litter flotation assembly Patent [WASA-CASE-XHS-04170]  C05 M71-22722  Rescue litter flotation assembly Patent [WASA-CASE-XHS-04170]  C05 M71-22798  Aligning and positioning device Patent [WASA-CASE-XHS-04170]  C15 M71-22798  Tension measurement device Patent [WASA-CASE-XHS-04475]  C15 M71-2278  Amplitude modulated laser transmitter Patent	assembly Patent [NASA-CASE-XMS-02063] Orygen production method and apparatus [NASA-CASE-MSC-12332-1] Color television system [NASA-CASE-MSC-12146-1] Current dependent filter inductance [NASA-CASE-MSC-10139] LOW onset rate energy absorber [NASA-CASE-MSC-12279] Stand-off type ablative heat shield [NASA-CASE-MSC-12143-1] Photographic film restoration system [NASA-CASE-MSC-12448-1] Optical range finder having nonoverlapping complete images [NASA-CASE-MSC-12324-1] Open type urine receptacle [NASA-CASE-MSC-12324-1] Open type urine receptacle [NASA-CASE-MSC-12395] Smily of frequency to amplitude converters [NASA-CASE-MSC-12332-1] Bethod and apparatus for detecting surface ions on silicon diodes and transistors [NASA-CASE-MSC-12372-1] Burn rate testing apparatus [NASA-CASE-MSC-12372-1] Burn rate testing apparatus [NASA-CASE-MSC-12372-1] Burn rate testing apparatus [NASA-CASE-MSC-12372-1] Conmunication signal [NASA-CASE-MSC-1259-2] Latch mechanism [NASA-CASE-MSC-1259-2] Latch mechanism [NASA-CASE-MSC-1259-2] Latch mechanism [NASA-CASE-MSC-1259-2] Latch mechanism [NASA-CASE-MSC-12549-1] Digital communication system [NASA-CASE-MSC-13912-1] Altitude measuring system [NASA-CASE-MSC-13912-1] Altitude measuring system [NASA-CASE-MSC-13912-1] A method of delivering a vehicle to earth orbit

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Hydraulic support for dynamic testing Patent [NASA-CASE-XMF-03248] c11 N71-10604 Fiber optic vibration transducer and analyzer
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Heat pipe thermionic diode power system Patent
[NASA-CASE-XMF-05843] c03 B71-11055
Synthesis of siloxane-containing epoxy polymers
Patent rwise-Case-MFS-13994-11 c06 N71-11240
Bi-Garrier demodulator with modulation Patent
Harness assembly Patent
[NASA-CASE-MPS-14671] COS M/1-12341
Magnetic matrix memory system Patent
[NASA-CASE-XMF-05835] C08 N71-12504
Pulse amplitude and width detector Patent
[NASA-CASE-XMF-06519] C09 N71-12519
Microwave power receiving antenna Patent
[NASA-CASE-MFS-20333] CO9 N71-13486
Hybrid bolographic system using reflected and
transmitted object beams simultaneously Patent
[NASA-CASE-MFS-20074] c16 N71-15565
Reactance control system Patent
[NASA-CASE-XHF-01598] C21 N71-15583
Apparatus for welding torch angle and seam
tracking control Patent
[NASA-CASE-XMF-03287] c15 #71-15607
Multiway vortex valve system Patent
INASA-CASE-XMP-047091 C15 N71-15609
Injector assembly for liquid fueled rocket
engines Patent
[MASA-CASE-XMF-00968] C28 N71-15660
Space capsule ejection assembly Patent
[NASA-CASE-XAF-03169]
Air cushion lift pad Patent [NASA-CASE-MFS-14685] c31 N71-15689
Method of making a molded connector Patent
(NASA-CASE-XMF-03498) c15 N71-15986
Regenerative braking system Patent [NASA-CASE-XHF-01096] c10 N71-16030
Condition and condition duration indicator Patent
[NASA-CASE-XMF-01097] c10 871-16058
Method and apparatus for securing to a
spacecraft Patent [NASA-CASB-MPS-11133] c31 N71-16222
Method and apparatus of simulating zero gravity
conditions Patent [NASA-CASE-EFS-12750] c27 N71-16223
Passive optical wind and turbulence detection
Passive optical wind and turbulence detection system Patent
Passive optical wind and turbulence detection system Patent [NASA-CASE-XMP-14032] c20 N71-16340
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Method of making foamed materials in zero gravity  (NASA-CASE-IMF-09902] c15 N72-11387  Air bearing assembly for curved surfaces  (NASA-CASE-MFS-20423] c15 N72-11388  Stud-bonding gun  (NASA-CASE-MFS-20299] c15 N72-11392  Apparatus for obtaining isotropic irradiation of a specimen  (NASA-CASE-MFS-20095] c24 N72-11595  Reuseable-space transportation system  (NASA-CASE-MFS-21527] c31 N72-15701  Wind tunnel test section  (NASA-CASE-MFS-20509] c11 N72-17183  Bultiple image storing system for high speed projectile holography  (NASA-CASE-MFS-20596] c14 N72-17324  Hethod of manufacturing semiconductor devices using refractory dielectrics  (NASA-CASE-XER-08476-1) c26 N72-17820  Underwater space suit pressure control regulator	[NASA-CASE-NFS-20589] c25 N72-32688 Process for the preparation of brushite crystals [NASA-CASE-BRC-10338] c04 N72-33072 Adjustable force probe [NASA-CASE-MFS-20760] c14 N72-33377 Conductive elastomeric extensometer [NASA-CASE-MFS-21049-1] c14 N73-11405 Steady state thermal radiometer [NASA-CASE-MFS-21108-1] c14 N73-12455 Polyimide resin-fiberglass cloth laminates for printed circuit boards [NASA-CASE-MFS-20408] c18 N73-12604 Differential pressure control [NASA-CASE-MFS-14216] c14 N73-13418 Redundant hydraulic control system for actuators [NASA-CASE-MFS-20944] c15 N73-13466 Device and method for determining X ray reflection efficiency of optical surfaces [NASA-CASE-MFS-20243] c23 N73-13662 Battery testing device
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Method of making foamed materials in zero gravity (NASA-CASE-IMF-09902] c15 N72-11387  Air bearing assembly for curved surfaces (NASA-CASE-MFS-20423] c15 N72-11388  Stud-bonding gun (NASA-CASE-MFS-20299] c15 N72-11392  Apparatus for obtaining isotropic irradiation of a specimen (NASA-CASE-MFS-20095] c24 N72-11595  Reuseable-space transportation system (NASA-CASE-MFS-21527] c31 N72-15701  Hind tunnel test section (NASA-CASE-MFS-20509] c11 N72-17183  Bultiple image storing system for high speed projectile holography (NASA-CASE-MFS-20596] c14 N72-17324  Hethod of manufacturing semiconductor devices using refractory dielectrics (NASA-CASE-XER-08476-1) c26 N72-17820  Underwater space suit pressure control regulator (NASA-CASE-MFS-20322] c05 N72-20097  Three mirror glancing incidence system for X-ray telescope (NASA-CASE-MFS-21372) c14 N72-20397  Apparatus for making diamonds (NASA-CASE-MFS-20698)  Two speed drive system (NASA-CASE-MFS-20645] c15 N72-20463  An airlock (NASA-CASE-MFS-20922) c31 N72-20460	[NASA-CASE-NFS-20589]
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Hole cutter [NASA-CASE-MFS-22649-1]	c15 N73-32376	[ NASA-CASE-NPO-10893 ]	C27 N/3-22/10
Synthesis of superconducting compour	ids by	Radiation and particle detector an	c14 N73-32317
explosive compaction of powders [NASA-CASE-MFS-20861-1]	c18 N73-32437	[NASA-CASE-NPO-12128-1] Expandable space frames	
Remote manipulator system		[ NASA-CASE-ERC-10365-1 ]	c31 N73-32749
[NASA-CASE-MFS-22022-1]	c05 x74-10099	Use of thin film light detector [NASA-CASE-NPO-11432-2]	c14 N74-15090
Orthotic arm joint [NASA-CASE-MFS-21611-1]	c05 N74-10100	Temperature compensated digital in	ertial sensor
Ultrasonic scanner for radial and fl	lat panels	[ NASA-CASE-NPO-13044-1 ]	c14 N74-15094
[NASA-CASE-MFS-20335-1]	c14 N74-10415	Compact hydrogenator [NASA-CASE-NPO-11682-1]	c15 N74-15127
Ergometer calibrator [NASA-CASE-MPS-21045-1]	c14 N74-11288	Short range laser obstacle detect	or
Digital computing cardiotachometer	AF76 40775	r wasa-case-NPO-11856-11	C16 N/4-15143
[NASA-CASE-MFS-20284-1] Integrated circuit package with lead	c05 N74-12778 1 structure	Simultaneous acquisition of track: two stations	
and method of preparing the same		[ NASA-CASE-NPO-13292-1 ]	c07 N74-15838
[NASA-CASE-MFS-21374-1]	c10 N74-12951	Inert gas metallic vapor laser	c16 N74-16187
Vee-notching device [NASA-CASE-MFS-20730-1]	c14 N74-13131	[NASA-CASE-NPO-13449-1] An improved heat sterilizable pat:	ient ventilator
Pseudo-noise test set for communicat		r nasa-case-xpo-13313-11	COS N74-17850
evaluation	c14 N74-13146	Shared memory for a fault-toleram	c08 N74-17911
[NASA-CASE-MFS-22671-1]			
A variable frequency inverter for a		[NASA-CASE-NPO-13139-1] System for stabilizing cable phasutilizing a coaxial cable under	e delay

[ NASA-CASE-NPO-13138-1]	c09 N74-17927	Auditory display for the blind	
Banded transformer cores		[NASA-CASE-HQN-10832-1]	c14 N74-21014
[NASA-CASE-NPO-11966-1]	c09 N74-17928	NATIONAL BUREAU OF STANDARDS, BOULDE	R, COLO.
Notor run-up system		Densitometer Patent	
[ NASA-CASE-NPO-13374-1]	c10 N74-17949	[NASA-CASE-XLE-00688]	c14 N70-41330
Inverter ratio failure detector		NATIONAL OCEANIC AND ATROSPHENIC ADM	INISTRATION
[NASA-CASE-NPO-13160-1]	c14 N74-18090	BOULDER, COLO.	
Wide angle sun sensor	45 55 45 45 45	Determining distance to lightning	strokes from a
[NASA-CASE-NPO-13327-1]	c14 N74-18093	single station	A9 993 0049F
Heat transfer device		[NASA-CASE-KSC-10698]	c07 N73-20175
[NASA-CASE-NPO-11120-1]	c33 N74-18552	DATIONAL RESPARCH CORP., CAMBRIDGE,	HWODE
Symmetrical odd-modulus frequency d		Gauge calibration by diffusion	c14 N73-30390
[NASA-CASE-NPO-13426-1]	c09 N74-18869	[NASA-CASE-NGS-07752]	
Servo-controlled intravital microso		Ultrahigh Vacuum measuring ioniza	c14 N73-30391
[NASA-CASE-NPO-13214-1]	c14 N74-19093	[NASA-CASE-XLA-05087] Apparatus for absolute pressure m	
<pre>Method of forming a wick for a heat [NASA-CASE-NPO-13391-1]</pre>	c33 N74-19584	[NASA-CASE-LAR-10000]	c14 N73-30394
Storage battery comprising negative		Ultrahigh vacuum gauge having two	
wedge shaped configuration	e places of 4	electrodes	201120001
[NASA-CASE-NPO-11806-1]	c03 N74-19693	[NASA-CASE-LAR-02743]	c14 N73-32324
Heat operated cryogenic electrical		BORTH AMERICAN AVIATION, INC., CASOG	
[ NA SA-CASE-NPO-13303-1 ]	c03 N74-19701	flethod of joining aluminum to sta	
Electric power generation system di		Patent	
laser power		[NASA-CASE-MFS-07369]	c15 N71-20443
[NASA-CASE-NPO-13308-1]	c03 N74-19702	Propellent mass distribution mete	ring apparatus
Gated compressor, distortionless si		Patent	
[NASA-CASE-NPO-11820-1]	c07 N74-19788	[NASA-CASE-NPO-10185]	c10 N71-26339
Asynchronous, multiplexing, single	line	Safety-type locking pin	•
transmission and recovery data sy	ystem	[ NASA-CASE-HPS-18495 ]	c15 N72-11385
[ NASA-CASE-NPO-13321-1]	c07 N74-19806	Hydrogen fire detection system wi	th logic
Apparatus for scanning the surface	of a	circuit to analyze the spectrum	
cylindrical body	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	variations of the optical spect	
[NASA-CASE-NPO-11861-1]	c14 N74-20009	[NASA-CASE-MFS-13130]	c10 N72-17173
A doped Josephson tunneling junction	on for use in	NORTH AMERICAN AVIATION, INC., DOBUE	Y, CALIF
a sensitive IR detector	-48 -74 20022	Heat shield oven	4E NEO - 27074
[NASA-CASE-NFO-13348-1]	c14 \$74-20022	[NASA-CASE-XMS-04318]	c15 N69-27871
Ultrasonically bonded valve assembl		Extensible cable support Patent	c15 N71-18701
[NASA-CASE-NPO-13360-1] Prevention of hydrogen embrittlemen	c15 N74-20073	[NASA-CASE-IMP-07587] High pressure air valve Patent	C12 M/1-10701
strength steel	ic or migh	[NASA-CASE-MSC-11010]	c15 N71-19485
[NASA-CASE-NPO-12122-1]	G27 N74-20397	Load relieving device Patent	013 277; 13403
Decision feedback loop for tracking		[ NASA-CASE-XMS-06329-1 ]	c15 N71-20441
modulated carrier		Optical projector system Patent	:
[NASA-CASE-NPO-13103-1]	c07 N74-20811	[NASA-CASE-XNP-03853]	c23 N71-21882
Antically actuated two modition mod	chanical mover	Prazing allow Datont	,
Optically actuated two position med	SHUTTOUT BOLCT	Brazing alloy Patent	
[NASA-CASE-NPO-13105-1]	c15 N74-21060	[NASA-CASE-INP-03063]	c17 N71-23365
[NASA-CASE-NPO-13105-1] Flow control valve	c15 N74-21060	[NASA-CASE-INP-03063] Vibrophonocardiograph Patent	•
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1]	c15 N74-21060 c15 N74-21065	[NASA-CASE-INP-03063] Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]	c05 N71-27234
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOBAL APRONAUTICS AND SPACE ADMINIS	c15 N74-21060 c15 N74-21065 STRATION.	[NASA-CASE-INP-03063] Vibrophonocardiograph Patent [NASA-CASE-IFR-07172] BORTH AMERICAN AVIATION, INC., BL SE	c05 N71-27234
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOBAL ARROHAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIO	c15 N74-21060 c15 N74-21065 STRATION.	[NASA-CASE-INP-03063] Vibrophonocardiograph Patent [NASA-CASE-IFR-07172] BORTH ABERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent	c05 N71-27234 GUNDO, CALIF.
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOBAL ARRONAUTICS AND SPACE ADMINIS ESTREM OPERATIONS OFFICE, SANTA HONIC Automatic pump Patent	c15 N74-21060 c15 N74-21065 STRATION. CA, CALIF.	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH AMERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-IGS-01143]	c05 N71-27234 GUNDO, CALIF. c31 N71-15647
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOBAL ABRONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIO Automatic pump Patent [NASA-CASE-XNP-04731]	c15 N74-21060 c15 N74-21065 STRATION. CA. CALIF. c15 N71-24042	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFE-07172]  BORTH AMERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-IGS-01143]  Expanding center probe and drogue	c05 N71-27234 GUNDO, CALIF. c31 N71-15647 Patent
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIONAL ARRONAUTICS AND SPACE ADMINIS ESTREN OPERATIONS OFFICE, SANTA HONIO Automatic pump Patent [NASA-CASE-XNP-04731] ATIONAL ARRONAUTICS AND SPACE ADMINIS	c15 N74-21060 c15 N74-21065 STRATION. CA. CALIF. c15 N71-24042	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH AMERICAN AVIATION, INC., BL SE Aerodynamic spike nozzle Patent [NASA-CASE-IGS-01143]  Expanding center probe and droque [NASA-CASE-XMS-03613]	c05 N71-27234 GUNDO, CALIF. c31 N71-15647 Patent c31 N71-16346
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIONAL ARRONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIO Automatic pump Patent [NASA-CASE-XNP-04731] ATIONAL ARRONAUTICS AND SPACE ADMINIS ASHINGTON, D.C.	c15 N74-21060 c15 N74-21065 STRATION. CA. CALIF. c15 N71-24042	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFE-07172]  BORTH AMERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-IGS-01143]  Expanding center probe and drogue	c05 N71-27234 GUNDO, CALIF. c31 N71-15647 Patent c31 N71-16346
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIONAL ARRONAUTICS AND SPACE ADMINIS ESTREN OPERATIONS OFFICE, SANTA HONIO Automatic pump Patent [NASA-CASE-XNP-04731] ATIONAL ARRONAUTICS AND SPACE ADMINIS	c15 N74-21060 c15 N74-21065 STRATION. CA. CALIF. c15 N71-24042	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH ABERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-IGS-01143]  Expanding center probe and droque [NASA-CASE-INS-03613]  Radio frequency shielded enclosur	c05 N71-27234 GUNDO, CALIF. c31 N71-15647 Patent c31 N71-16346 e Patent c07 N71-19436
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOBAL ARROHAUTICS AND SPACE ADBINIS ESTERN OPERATIONS OFFICE, SANTA HONIO Automatic pump Patent [NASA-CASE-XNP-04731] ATIOBAL ARROHAUTICS AND SPACE ADBINIS ASHIBGTON, D.C. Optical spin compensator	c15 N74-21060 c15 N74-21065 STRATION. CA, CALIF. c15 N71-24042 STRATION.	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFE-07172]  NORTH AMERICAN AVIATION, INC., BL SE Aerodynamic spike nozzle Patent [NASA-CASE-IGS-01143]  Expanding center probe and droque [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMF-09422]	c05 N71-27234 GUNDO, CALIF. c31 N71-15647 Patent c31 N71-16346 e Patent c07 N71-19436
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOBAL ABRONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIC Automatic pump Patent [NASA-CASE-XNP-04731] ATIOBAL ARRONAUTICS AND SPACE ADMINIS 28HINGTON, D.CA Optical spin compensator [NASA-CASE-XGS-02401]	c15 N74-21060 c15 N74-21065 STRATION. CA, CALIF. c15 N71-24042 STRATION.	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH ABERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-IGS-01143]  Expanding center probe and drogue [NASA-CASE-INS-03513]  Radio frequency shielded enclosur [NASA-CASE-INF-09422]  High impedance measuring apparatu [NASA-CASE-INS-08589-1]  Latching mechanism Patent	c05 N71-27234 GUNDO, CALIF. c31 N71-15647 Patent c31 N71-16346 e Patent c07 N71-19436 s Patent c09 N71-20569
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOBAL ABRONAUTICS AND SPACE ADMINIS ESTERN OFFRATIONS OFFICE, SANTA HONIC Automatic pump Patent [NASA-CASE-XNP-04731] ATIOBAL ARRONAUTICS AND SPACE ADMINIS 28HINGTON, D.C. Optical spin compensator [NASA-CASE-XGS-02401] Baveguide mixer [NASA-CASE-ERC-10179] Semiconductor-ferroelectric memory	c15 N74-21060 c15 N74-21065 STRATION. CA. CALIF. c15: N71-24042 STRATION. c14 N69-27485 c07 N72-20141 device	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH AMERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-IGS-01143]  Expanding center probe and drogue [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMF-09422]  High impedance measuring apparatu [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-XMS-03745]	c05 N71-27234 GUNDO, CALIF.  c31 N71-15647 Patent c31 N71-16346 e Patent c07 N71-19436 s Patent
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOMAL APRONAUTICS AND SPACE ADMINIS ESTREN OPERATIONS OFFICE, SANTA HONIO Automatic pump Patent [NASA-CASE-XNP-04731] ATIOMAL APROMAUTICS AND SPACE ADMINIS ASHINGTON, D.C. Optical spin compensator [NASA-CASE-XGS-02401] Haveguide mixer [NASA-CASE-EEC-10179] Semiconductor-ferroelectric memory [NASA-CASE-EEC-10307]	c15 N74-21060 c15 N74-21065 STRATION. CA. CALIF. c15 N71-24042 STRATION. c14 N69-27485 c07 N72-20141 device c08 N72-21198	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH ABERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-IGS-01143]  Expanding center probe and droque [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMF-09422]  High impedance measuring apparatu [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-IMS-03745]  Tube dimpling tool Patent	c05 N71-27234 GUNDO, CALIF.  c31 N71-15647 Patent c31 N71-16346 e Patent c07 N71-19436 s Patent c09 N71-20569 c15 N71-21076
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIONAL ABRONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIO Automatic pump Patent [NASA-CASE-XNP-04731] ATIONAL ABRONAUTICS AND SPACE ADMINIS ASHIBGTOH, D.C. Optical spin compensator [NASA-CASE-XGS-02401] Haveguide mixer [NASA-CASE-EEC-10179] Semiconductor-ferroelectric memory [NASA-CASE-EEC-10307] Shielded cathode mode bulk effect of	c15 N74-21060 c15 N74-21065 STRATION. CA, CALIF. c15 N71-24042 STRATION. c14 N69-27485 c07 N72-20141 device c08 N72-21198 devices	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH AHERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-IGS-01143]  Expanding center probe and droque [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMF-09422]  High impedance measuring apparatu [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-XMS-03745]  Tube dimpling tool Patent [NASA-CASE-XMS-06876]	C05 N71-27234 GUNDO, CALIF.  c31 N71-15647 Patent c31 N71-16346 e Patent c07 N71-19436 s Patent c09 N71-20569 c15 N71-21076
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIONAL ARRONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIO Automatic pump Patent [NASA-CASE-XNP-04731] ATIONAL ARRONAUTICS AND SPACE ADMINIS ASHINGTON, D.C. Optical spin compensator [NASA-CASE-XGS-02401] Haveguide mixer [NASA-CASE-ERC-10179] Semiconductor-ferroelectric memory [NASA-CASE-ERC-10307] Shielded cathode mode bulk effect of [NASA-CASE-ERC-10119]	c15 N74-21060 c15 N74-21065 STRATION. CA, CALIF. c15 N71-24042 STRATION, c14 N69-27485 c07 N72-20141 device c08 N72-21198 devices c26 N72-21701	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH ABERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-IGS-01143]  Expanding center probe and drogue [NASA-CASE-INS-03613]  Radio frequency shielded enclosur [NASA-CASE-IMF-09422]  High impedance measuring apparatu [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-IMS-03745]  Tube dimpling tool Patent [NASA-CASE-IMS-06876]  Positive locking check valve Pat	c05 N71-27234 GUNDO, CALIF. c31 N71-15647 Patent c31 N71-16346 e Patent c07 N71-19436 s Patent c09 N71-20569 c15 N71-21076 c15 N71-21536
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOBAL ABRONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIC Automatic pump Patent [NASA-CASE-XNP-04731] ATIOBAL ARRONAUTICS AND SPACE ADMINIS 25HINGTON, D.C. Optical spin compensator [NASA-CASE-XGS-02401] Haveguide mixer [NASA-CASE-ERC-10179] Semiconductor-ferroelectric memory [NASA-CASE-ERC-10307] Shielded cathode mode bulk effect of [NASA-CASE-ERC-10119] Fabrication of single crystal film	c15 N74-21060 c15 N74-21065 STRATION. CA, CALIF. c15 N71-24042 STRATION, c14 N69-27485 c07 N72-20141 device c08 N72-21198 devices c26 N72-21701	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH ABERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-ISS-01143]  Expanding center probe and drogue [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMF-09422]  High impedance measuring apparatu [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-IMS-03745]  Tube dimpling tool Patent [NASA-CASE-XMS-06876]  Positive locking check valve Pat [NASA-CASE-XMS-09310]	C05 N71-27234 GUNDO, CALIF.  c31 N71-15647 Patent c31 N71-16346 e Patent c07 N71-19436 s Patent c09 N71-20569 c15 N71-21536 ent c15 N71-22706
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOMAL AERONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIO Automatic pump Patent [NASA-CASE-XNP-04731] ATIOMAL AERONAUTICS AND SPACE ADMINIS ASHINGTON, D.C. Optical spin compensator [NASA-CASE-XGS-02401] Haveguide mixer [NASA-CASE-ERC-10179] Semiconductor-ferroelectric memory [NASA-CASE-ERC-10307] Shielded cathode mode bulk effect of [NASA-CASE-BRC-10119] Fabrication of single crystal film devices	c15 N74-21060 c15 N74-21065 STRATION. CA, CALIF. c15 N71-24042 STRATION, c14 N69-27485 c07 N72-20141 device c08 N72-21198 devices c26 N72-21701 semiconductor	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH AHERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-ISS-01143]  Expanding center probe and droque [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMF-09422]  High impedance measuring apparatu [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-XMS-03745]  Tube dimpling tool Patent [NASA-CASE-XMS-036876]  Positive locking check valve Pat [NASA-CASE-IMS-09310]  Etching of aluminum for bonding	c05 N71-27234 GUNDO, CALIF.  c31 N71-15647 Patent c31 N71-16346 e Patent c07 N71-19436 s Patent c09 N71-20569 c15 N71-21076 c15 N71-21536 ent c15 N71-22706 Patent
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIONAL ABRONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIO Automatic pump Patent [NASA-CASE-XNP-04731] ATIONAL ABRONAUTICS AND SPACE ADMINIS ASHIBGTON, D.C. Optical spin compensator [NASA-CASE-XGS-02401] Haveguide mixer [NASA-CASE-ERC-10179] Semiconductor-ferroelectric memory [NASA-CASE-ERC-10307] Shielded cathode mode bulk effect of [NASA-CASE-ERC-10119] Fabrication of single crystal film devices [NASA-CASE-ERC-10222]	c15 N74-21060 c15 N74-21065 STRATION. CA, CALIF. c15 N71-24042 STRATION, c14 N69-27485 c07 N72-20141 device c08 N72-21198 devices c26 N72-21701	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH AHERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-IGS-01143]  Expanding center probe and droque [NASA-CASE-INS-03613]  Radio frequency shielded enclosur [NASA-CASE-INS-0422]  High impedance measuring apparatu [NASA-CASE-INS-08589-1]  Latching mechanism Patent [NASA-CASE-INS-03745]  Tube dimpling tool Patent [NASA-CASE-INS-06876]  Positive locking check valve Pat [NASA-CASE-INS-09310]  Etching of aluminum for bonding [NASA-CASE-INF-02303]	C05 N71-27234 GUNDO, CALIF.  c31 N71-15647 Patent c31 N71-16346 e Patent c07 N71-19436 s Patent c09 N71-20569 c15 N71-21076 c15 N71-21536 ent c15 N71-22706 Patent c17 N71-23828
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIONAL ARRONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIO Automatic pump Patent [NASA-CASE-XNP-04731] ATIONAL ARRONAUTICS AND SPACE ADMINIS ASHINGTON, D.C. Optical spin compensator [NASA-CASE-XGS-02401] Haveguide mixer [NASA-CASE-ERC-10179] Semiconductor-ferroelectric memory [NASA-CASE-ERC-10307] Shielded cathode mode bulk effect of [NASA-CASE-ERC-10119] Fabrication of single crystal film devices [NASA-CASE-ERC-10222] Two color horizon sensor	c15 N74-21060 c15 N74-21065 STRATION. CA. CALIF. c15 N71-24042 STRATION. c14 N69-27485 c07 N72-20141 device c08 N72-21198 devices c26 N72-21701 semiconductor c09 N72-22199	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH AMERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-ISS-01143]  Expanding center probe and drogue [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMS-03642]  High impedance measuring apparatu [NASA-CASE-XMS-08589-1]  Latching mechanism Patent [NASA-CASE-XMS-03745]  Tube dimpling tool Patent [NASA-CASE-XMS-06876]  Positive locking check valve Pat [NASA-CASE-XMS-09310]  Etching of aluminum for bonding [NASA-CASE-XMF-02303]  Method and apparatus for varying	C05 N71-27234 GUNDO, CALIF.  c31 N71-15647 Patent c31 N71-16346 e Patent c07 N71-19436 s Patent c09 N71-20569 c15 N71-21076 c15 N71-21536 ent c15 N71-22706 Patent c17 N71-23828
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOMAL AERONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIO Automatic pump Patent [NASA-CASE-XNP-04731] ATIOMAL AEROMAUTICS AND SPACE ADMINIS ASHINGTON, D.C. Optical spin compensator [NASA-CASE-XGS-02401] Haveguide mixer [NASA-CASE-ERC-10179] Semiconductor-ferroelectric memory [NASA-CASE-ERC-10307] Shielded cathode mode bulk effect of [NASA-CASE-ERC-10119] Fabrication of single crystal film devices [NASA-CASE-ERC-10222] Two color horizon sensor [NASA-CASE-ERC-101741]	c15 N74-21060  c15 N74-21065  STRATION.  CA. CALIF.  c15 N71-24042  STRATION,  c14 N69-27485  c07 N72-20141  device  c08 N72-21198  devices  c26 N72-21701  semiconductor  c09 N72-22199  c14 N72-25409	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFF-07172]  BORTH ABERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-ISS-01143]  Expanding center probe and droque [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMF-09422]  High impedance measuring apparatu [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-IMS-068745]  Tube dimpling tool Patent [NASA-CASE-IMS-06876]  Positive locking check valve Pat [NASA-CASE-IMS-09310]  Etching of aluminum for bonding [NASA-CASE-IMF-02303]  Method and apparatus for varying conductivity Patent	C05 N71-27234 GUNDO, CALIF.  c31 N71-15647 Patent c31 N71-16346 e Patent c07 N71-19436 s Fatent c09 N71-20569 c15 N71-21536 ent c15 N71-22706 Patent c17 N71-23828 thermal
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOMAL AERONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIO Automatic pump Patent [NASA-CASE-XNP-04731] ATIOMAL AEROMAUTICS AND SPACE ADMINIS ASHIBGTON, D.C. Optical spin compensator [NASA-CASE-XGS-02401] Haveguide mixer [NASA-CASE-ERC-10179] Semiconductor-ferroelectric memory [NASA-CASE-ERC-10307] Shielded cathode mode bulk effect of [NASA-CASE-ERC-10119] Fabrication of single crystal film devices [NASA-CASE-ERC-10222] Two color horizon sensor [NASA-CASE-ERC-1074] Ultraviolet atomic emission detector	c15 N74-21060 c15 N74-21065 STRATION. CA, CALIF. c15 N71-24042 STRATION, c14 N69-27485 c07 N72-20141 device c08 N72-21198 devices c26 N72-21701 semiconductor c09 N72-22199 c14 N72-25409	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH AMERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-IGS-01143]  Expanding center probe and droque [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMF-09422]  High impedance measuring apparatu [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-IMS-03745]  Tube dimpling tool Patent [NASA-CASE-XMS-0376]  Positive locking check valve Pat [NASA-CASE-IMS-09310]  Etching of aluminum for bonding [NASA-CASE-IMF-02303]  Method and apparatus for varying conductivity Patent [NASA-CASE-IMF-05524]	C05 N71-27234 GUNDO, CALIF.  C31 N71-15647 Patent C31 N71-16346 Patent C07 N71-19436 S Patent C09 N71-20569 C15 N71-21076 C15 N71-21076 Patent C17 N71-22706 Patent C17 N71-23828 thermal C33 N71-24876
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIONAL ARRONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIO Automatic pump Patent [NASA-CASE-XNP-04731] ATIONAL ARRONAUTICS AND SPACE ADMINIS ASHIGGTON, D.C. Optical spin compensator [NASA-CASE-KGS-02401] Haveguide mixer [NASA-CASE-ERC-10179] Semiconductor-ferroelectric memory [NASA-CASE-ERC-10307] Shielded cathode mode bulk effect of [NASA-CASE-ERC-10119] Fabrication of single crystal film devices [NASA-CASE-ERC-10222] Two color horizon sensor [NASA-CASE-ERC-10174] Ultraviolet atomic emission detector [NASA-CASE-BRC-1076-1]	c15 N74-21060 c15 N74-21065 STRATION. CA. CALIF. c15 N71-24042 STRATION. c14 N69-27485 c07 N72-20141 device c08 N72-21198 devices c26 N72-21701 semiconductor c09 N72-22199 c14 N72-25409 DEC c14 N72-25428	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH AHERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-IGS-01143]  Expanding center probe and droque [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMF-09422]  High impedance measuring apparatu [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-IMS-03745]  Tube dimpling tool Patent [NASA-CASE-XMS-06876]  Positive locking check valve Pat [NASA-CASE-IMS-09310]  Etching of aluminum for bonding [NASA-CASE-IMF-02303]  Method and apparatus for varying conductivity Patent [NASA-CASE-IMP-05524]  Purge device for thrust engines	C05 N71-27234 GUNDO, CALIF.  c31 N71-15647 Patent c31 N71-16346 e Patent c07 N71-19436 s Patent c09 N71-20569 c15 N71-21076 c15 N71-21536 ent c15 N71-22706 Patent c17 N71-23828 thermal c33 N71-24876 Patent
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOMAL APRONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIC Automatic pump Patent [NASA-CASE-XNP-04731] ATIOMAL ARROMAUTICS AND SPACE ADMINIS 25HINGTON, D.C. Optical spin compensator [NASA-CASE-XGS-02401] Haveguide mixer [NASA-CASE-ERC-10179] Semiconductor-ferroelectric memory [NASA-CASE-ERC-10307] Shielded cathode mode bulk effect of [NASA-CASE-ERC-10119] Fabrication of single crystal film devices [NASA-CASE-ERC-10222] Two color horizon sensor [NASA-CASE-ERC-10174] Ultraviolet atomic emission detector [NASA-CASE-HQN-10756-1] Optical pump and driver system for	c15 N74-21060 c15 N74-21065 STRATION. CA. CALIF. c15 N71-24042 STRATION. c14 N69-27485 c07 N72-20141 device c08 N72-21198 devices c26 N72-21701 semiconductor c09 N72-22199 c14 N72-25409 DEC c14 N72-25428	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH AMERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-ISS-01143]  Expanding center probe and drogue [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMF-09422]  High impedance measuring apparatu [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-IMS-03745]  Tube dimpling tool Patent [NASA-CASE-XMS-06876]  Positive locking check valve Pat [NASA-CASE-XMS-09310]  Etching of aluminum for bonding [NASA-CASE-XMS-0303]  Method and apparatus for varying conductivity Patent [NASA-CASE-XMS-05524]  Purge device for thrust engines [NASA-CASE-XMS-04826]	C05 N71-27234 GUNDO, CALIF.  c31 N71-15647 Patent c31 N71-16346 e Patent c07 N71-19436 s Patent c09 N71-20569 c15 N71-21536 ent c15 N71-21536 ent c15 N71-22706 Patent c17 N71-23828 thermal c33 N71-24876 Patent c28 N71-28849
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOMAL ARRONAUTICS AND SPACE ADMINIS ESTREN OPERATIONS OFFICE, SANTA HONIO Automatic pump Patent [NASA-CASE-XNP-04731] ATIOMAL ARROMAUTICS AND SPACE ADMINIS ASHINGTON, D.C. Optical spin compensator [NASA-CASE-XGS-02401] Haveguide mixer [NASA-CASE-ERC-10179] Semiconductor-ferroelectric memory [NASA-CASE-ERC-10307] Shielded cathode mode bulk effect of [NASA-CASE-BRC-10119] Fabrication of single crystal film devices [NASA-CASE-ERC-10222] Two color horizon sensor [NASA-CASE-ERC-10174] Ultraviolet atomic emission detector [NASA-CASE-HQN-10756-1] Optical pump and driver system for [NASA-CASE-HQN-10756-1] Optical pump and driver system for	c15 N74-21060  c15 N74-21065  STRATION.  CA. CALIF.  c15: N71-24042  STRATION.  c14 N69-27485  c07 N72-20141  device  c08 N72-21198  devices  c26 N72-21701  semiconductor  c09 N72-22199  c14 N72-25409  DECITY C14 N72-25428  lasers	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH ABERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-ISS-01143]  Expanding center probe and droque [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMF-09422]  High impedance measuring apparatu [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-XMS-06876]  Positive locking check valve Pat [NASA-CASE-IMS-09310]  Etching of aluminum for bonding [NASA-CASE-IMF-02303]  Method and apparatus for varying conductivity Patent [NASA-CASE-XNP-05524]  Purge device for thrust engines [NASA-CASE-XHS-04826]  Bethod and construction for prote	c05 N71-27234 GUNDO, CALIF.  c31 N71-15647 Patent c31 N71-16346 e Patent c07 N71-19436 s Patent c09 N71-20569 c15 N71-21076 c15 N71-21536 ent c15 N71-22706 Patent c17 N71-23828 thermal c33 N71-24876 Patent c28 N71-28849 cting heat
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIONAL ABRONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIO Automatic pump Patent [NASA-CASE-XNP-04731] ATIONAL ABRONAUTICS AND SPACE ADMINIS ASHIBGTON, D.C. Optical spin compensator [NASA-CASE-XGS-02401] Haveguide mixer [NASA-CASE-EEC-10179] Seniconductor-ferroelectric memory [NASA-CASE-EEC-10307] Shielded cathode mode bulk effect of [NASA-CASE-EEC-10119] Fabrication of single crystal film devices [NASA-CASE-EEC-10174] Ultraviolet atomic emission detector [NASA-CASE-HQN-10756-1] Optical pump and driver system for [NASA-CASE-EEC-10283] Clear air turbulence detector	c15 N74-21060  c15 N74-21065  STRATION.  CA. CALIF.  c15: N71-24042  STRATION.  c14 N69-27485  c07 N72-20141  device  c08 N72-21198  devices  c26 N72-21701  semiconductor  c09 N72-22199  c14 N72-25409  DECITY C14 N72-25428  lasers	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH AMERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-ISS-01143]  Expanding center probe and drogue [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMF-09422]  High impedance measuring apparatu [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-IMS-03745]  Tube dimpling tool Patent [NASA-CASE-XMS-06876]  Positive locking check valve Pat [NASA-CASE-XMS-09310]  Etching of aluminum for bonding [NASA-CASE-XMS-0303]  Method and apparatus for varying conductivity Patent [NASA-CASE-XMS-05524]  Purge device for thrust engines [NASA-CASE-XMS-04826]	c05 N71-27234 GUNDO, CALIF.  c31 N71-15647 Patent c31 N71-16346 e Patent c07 N71-19436 s Patent c09 N71-20569 c15 N71-21076 c15 N71-21536 ent c15 N71-22706 Patent c17 N71-23828 thermal c33 N71-24876 Patent c28 N71-28849 cting heat
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOMAL ABRONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIC Automatic pump Patent [NASA-CASE-XNP-04731] ATIOMAL ARROMAUTICS AND SPACE ADMINIS 25HINGTON, D.C. Optical spin compensator [NASA-CASE-XGS-02401] Haveguide mixer [NASA-CASE-ERC-10179] Semiconductor-ferroelectric memory [NASA-CASE-ERC-10307] Shielded cathode mode bulk effect of [NASA-CASE-ERC-10119] Fabrication of single crystal film devices [NASA-CASE-ERC-10174] Ultraviolet atomic emission detector [NASA-CASE-HQN-10756-1] Optical pump and driver system for [NASA-CASE-ERC-10283] Clear air turbulence detector [NASA-CASE-ERC-10081]	c15 N74-21060 c15 N74-21065 STRATION. CA, CALIF. c15 N71-24042 STRATION, c14 N69-27485 c07 N72-20141 device c08 N72-21198 devices c26 N72-21701 semiconductor c09 N72-22199 c14 N72-25409 DT c14 N72-25428 lasers c16 N72-25485	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH AHERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-IGS-01143]  Expanding center probe and droque [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMS-09422]  High impedance measuring apparatu [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-IMS-08589-1]  Tube dimpling tool Patent [NASA-CASE-XMS-03745]  Tube dimpling tool Patent [NASA-CASE-XMS-036876]  Positive locking check valve Pat [NASA-CASE-IMS-09310]  Etching of aluminum for bonding [NASA-CASE-IMF-02303]  Method and apparatus for varying conductivity Patent [NASA-CASE-IMP-05524]  Purge device for thrust engines [NASA-CASE-IMP-04826]  Hethod and construction for prote sensitive bodies from thermal r	C05 N71-27234 GUNDO, CALIF.  C31 N71-15647 Patent C31 N71-16346 e Patent C07 N71-19436 s Patent C09 N71-20569 C15 N71-21076 C15 N71-21076 C15 N71-22706 Patent C15 N71-22706 Patent C17 N71-23828 thermal C33 N71-24876 Patent C28 N71-28849 Cting heat adiation and
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOMAL AERONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIO Automatic pump Patent [NASA-CASE-XNPO-4731] ATIOMAL AERONAUTICS AND SPACE ADMINIS ASHINGTON, D.C. Optical spin compensator [NASA-CASE-XGS-02401] Haveguide mixer [NASA-CASE-ERC-10179] Semiconductor-ferroelectric memory [NASA-CASE-ERC-10307] Shielded cathode mode bulk effect of [NASA-CASE-ERC-10119] Fabrication of single crystal film devices [NASA-CASE-ERC-10174] Ultraviolet atomic emission detector [NASA-CASE-HQN-10756-1] Optical pump and driver system for [NASA-CASE-HQN-10756-1] Optical pump and driver system for [NASA-CASE-ERC-10283] Clear air turbulence detector [NASA-CASE-ERC-10081] Head-up attitude display [NASA-CASE-ERC-10392]	c15 N74-21060 c15 N74-21065 STRATION. CA, CALIF. c15 N71-24042 STRATION, c14 N69-27485 c07 N72-20141 device c08 N72-21198 devices c26 N72-21701 semiconductor c09 N72-22199 c14 N72-25409 or c14 N72-25428 lasers c16 N72-25485 c14 N72-25485 c14 N72-28437 c21 N73-14692	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH AHERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-ISS-01143]  Expanding center probe and droque [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMF-09422]  High impedance measuring apparatu [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-IMS-03745]  Tube dimpling tool Patent [NASA-CASE-IMS-06876]  Positive locking check valve Pat [NASA-CASE-IMS-09310]  Etching of aluminum for bonding [NASA-CASE-IMF-02303]  Method and apparatus for varying conductivity Patent [NASA-CASE-IMF-02524]  Purge device for thrust engines [NASA-CASE-IMS-04826]  Hethod and construction for prote sensitive bodies from thermal r convective heat Patent [NASA-CASE-INP-01310]  Propellant tank pressurization sy	C05 N71-27234 GUNDO, CALIF.  C31 N71-15647 Patent C31 N71-16346 e Patent C07 N71-19436 s Patent C09 N71-20569 C15 N71-21076 C15 N71-21536 ent C15 N71-22706 Patent C17 N71-23828 thermal C33 N71-24876 Patent C38 N71-28849 Cting heat adiation and C33 N71-28852
[NASA-CASE-NPO-13105-1] Flow control varive [NASA-CASE-NPO-11951-1] ATIOMAL AERONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIO Automatic pump Patent [NASA-CASE-XNP-04731] ATIOMAL AERONAUTICS AND SPACE ADMINIS ASHIBGTON, D.C. Optical spin compensator [NASA-CASE-XGS-02401] Haveguide mixer [NASA-CASE-ERC-10179] Seniconductor-ferroelectric memory [NASA-CASE-ERC-10307] Shielded cathode mode bulk effect of [NASA-CASE-ERC-10119] Fabrication of single crystal film devices [NASA-CASE-ERC-10174] Ultraviolet atomic emission detector [NASA-CASE-HQN-10756-1] Optical pump and driver system for [NASA-CASE-ERC-10283] Clear air turbulence detector [NASA-CASE-ERC-10081] Head-up attitude display [NASA-CASE-ERC-10392] System for indicating direction of	c15 N74-21060 c15 N74-21065 STRATION. CA, CALIF. c15 N71-24042 STRATION, c14 N69-27485 c07 N72-20141 device c08 N72-21198 devices c26 N72-21701 semiconductor c09 N72-22199 c14 N72-25409 or c14 N72-25428 lasers c16 N72-25485 c14 N72-25485 c14 N72-28437 c21 N73-14692	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH AHERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-IGS-01143]  Expanding center probe and droque [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMF-09422]  High impedance measuring apparatu [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-IMS-03745]  Tube dimpling tool Patent [NASA-CASE-XMS-03745]  Tube dimpling tool Patent [NASA-CASE-XMS-0330]  Positive locking check valve Pat [NASA-CASE-IMS-03310]  Etching of aluminum for bonding [NASA-CASE-IMF-02303]  Method and apparatus for varying conductivity Patent [NASA-CASE-IMP-05524]  Purge device for thrust engines [NASA-CASE-IMP-05524]  Purge device for thrust engines [NASA-CASE-IMP-01310]  Hethod and construction for prote sensitive bodies from thermal r convective heat Patent [NASA-CASE-IMP-01310]  Propellant tank pressurization sy [NASA-CASE-IMP-00650]	C05 N71-27234 GUNDO, CALIF.  C31 N71-15647 Patent C31 N71-16346 e Patent C07 N71-19436 s Patent C09 N71-20569 C15 N71-21076 C15 N71-21536 ent C15 N71-22706 Patent C17 N71-23828 thermal C33 N71-24876 Patent C38 N71-28849 Cting heat adiation and C33 N71-28852
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOMAL APRONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIC Automatic pump Patent [NASA-CASE-XNP-04731] ATIOMAL ARROMAUTICS AND SPACE ADMINIS 25HINGTON, D.C. Optical spin compensator [NASA-CASE-KGS-02401] Haveguide mixer [NASA-CASE-ERC-10179] Semiconductor-ferroelectric memory [NASA-CASE-ERC-10307] Shielded cathode mode bulk effect of [NASA-CASE-ERC-10119] Fabrication of single crystal film devices [NASA-CASE-ERC-10174] Ultraviolet atomic emission detector [NASA-CASE-HQN-10756-1] Optical pump and driver system for [NASA-CASE-ERC-10283] Clear air turbulence detector [NASA-CASE-ERC-10081] Head-up attitude display [NASA-CASE-ERC-10392] System for indicating direction of aircraft	c15 N74-21060 c15 N74-21065 STRATION. CA. CALIF. c15 N71-24042 STRATION. c14 N69-27485 c07 N72-20141 device c08 N72-21198 devices c26 N72-21701 semiconductor c09 N72-22199 c14 N72-25409 OF c14 N72-25428 lasers c16 N72-25485 c14 N72-25485 c14 N72-28437 c21 N73-14692 intruder	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH ABERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-ISS-01143]  Expanding center probe and drogue [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMF-09422]  High impedance measuring apparatu [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-IMS-03745]  Tube dimpling tool Patent [NASA-CASE-XMS-06876]  Positive locking check valve Pat [NASA-CASE-XMS-09310]  Etching of aluminum for bonding [NASA-CASE-XMS-09310]  Bethod and apparatus for varying conductivity Patent [NASA-CASE-XMF-02303]  Method and apparatus for varying conductivity Patent [NASA-CASE-XMS-094826]  Hethod and construction for prote sensitive bodies from thermal r convective heat Patent [NASA-CASE-XNP-01310]  Propellant tank pressurization sy [NASA-CASE-INP-0650]  Spherical shield Patent	C05 N71-27234 GUNDO, CALIF.  C31 N71-15647 Patent C31 N71-16346 Patent C07 N71-19436 S Patent C09 N71-20569 C15 N71-21076 C15 N71-21536 ent C15 N71-22706 Patent C17 N71-23828 thermal C33 N71-24876 Patent C28 N71-28849 Cting heat adiation and C33 N71-28852 Stem Patent C27 N71-28929
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOMAL APRONAUTICS AND SPACE ADMINIS ESTREN OPERATIONS OFFICE, SANTA HONIO Automatic pump Patent [NASA-CASE-XNP-04731] ATIOMAL APROMAUTICS AND SPACE ADMINIS ASHINGTON, D.C. Optical spin compensator [NASA-CASE-XGS-02401] Haveguide mixer [NASA-CASE-EEC-10179] Semiconductor-ferroelectric memory [NASA-CASE-EEC-10307] Shielded cathode mode bulk effect of [NASA-CASE-EEC-10119] Fabrication of single crystal film devices [NASA-CASE-EEC-10174] Ultraviolet atomic emission detector [NASA-CASE-HQN-10756-1] Optical pump and driver system for [NASA-CASE-EEC-10283] Clear air turbulence detector [NASA-CASE-EEC-10081] Head-up attitude display [NASA-CASE-EEC-10392] System for indicating direction of aircraft [NASA-CASE-EEC-10226-1]	c15 N74-21060 c15 N74-21065 STRATION. CA, CALIF. c15 N71-24042 STRATION, c14 N69-27485 c07 N72-20141 device c08 N72-21198 devices c26 N72-21701 semiconductor c09 N72-22199 c14 N72-25409 or c14 N72-25428 lasers c16 N72-25485 c14 N72-25485 c14 N72-28437 c21 N73-14692	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH ABERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-ISS-01143]  Expanding center probe and droque [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMF-09422]  High impedance measuring apparatu [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-IMS-06876]  Positive locking check valve Pat [NASA-CASE-IMS-09310]  Etching of aluminum for bonding [NASA-CASE-IMF-02303]  Method and apparatus for varying conductivity Patent [NASA-CASE-IMP-05524]  Purge device for thrust engines [NASA-CASE-IMS-04826]  Hethod and construction for prote sensitive bodies from thermal r convective heat Patent [NASA-CASE-IMP-01310]  Propellant tank pressurization sy [NASA-CASE-IMP-01650]  Spherical shield Patent [NASA-CASE-IMP-01655]	C05 N71-27234 GUNDO, CALIF.  C31 N71-15647 Patent C31 N71-16346 e Patent C07 N71-19436 s Patent C09 N71-20569 C15 N71-21076 C15 N71-21076 Patent C17 N71-22706 Patent C17 N71-22828 thermal C33 N71-28849 Cting heat adiation and C33 N71-28852 stem Patent C27 N71-28927 C15 N71-28937
[NASA-CASE-NPO-13105-1] Flow control varive [NASA-CASE-NPO-11951-1] ATIOMAL AERONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIO Automatic pump Patent [NASA-CASE-XNP-04731] ATIOMAL AERONAUTICS AND SPACE ADMINIS ASHIBGTON, D.C. Optical spin compensator [NASA-CASE-ERC-10179] Seniconductor-ferroelectric memory [NASA-CASE-ERC-10307] Shielded cathode mode bulk effect of [NASA-CASE-ERC-10119] Fabrication of single crystal film devices [NASA-CASE-ERC-10174] Ultraviolet atomic emission detector [NASA-CASE-ERC-10174] Ultraviolet atomic emission detector [NASA-CASE-ERC-10223] Chear air turbulence detector [NASA-CASE-ERC-10393] Clear air turbulence detector [NASA-CASE-ERC-10392] System for indicating direction of aircraft [NASA-CASE-BRC-10226-1] Aircraft control system	c15 N74-21060 c15 N74-21065 STRATION. CA, CALIF. c15 N71-24042 STRATION, c14 N69-27485 c07 N72-20141 device c08 N72-21198 devices c26 N72-21701 semiconductor c09 N72-22199 c14 N72-25409 or c14 N72-25428 lasers c16 N72-25428 c14 N72-25485 c14 N72-28437 c21 N73-14692 intruder c14 N73-16483	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH ABERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-ISS-01143]  Expanding center probe and drogue [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMF-09422]  High impedance measuring apparatu [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-IMS-03745]  Tube dimpling tool Patent [NASA-CASE-IMS-03745]  Tube dimpling tool Patent [NASA-CASE-IMS-03745]  Etching of aluminum for bonding [NASA-CASE-IMS-09310]  Etching of aluminum for bonding [NASA-CASE-IMF-02303]  Method and apparatus for varying conductivity Patent [NASA-CASE-IMF-03524]  Purge device for thrust engines [NASA-CASE-IMS-04826]  Hethod and construction for prote sensitive bodies from thermal r convective heat Patent [NASA-CASE-IMP-01310]  Propellant tank pressurization sy [NASA-CASE-INP-00650]  Spherical shield Patent [NASA-CASE-INP-01855] Universal restrainer and joint P	C05 N71-27234 GUNDO, CALIF.  C31 N71-15647 Patent C31 N71-16346 Patent C07 N71-19436 S Patent C09 N71-20569 C15 N71-21076 C15 N71-21076 Patent C15 N71-22706 Patent C17 N71-23828 thermal C33 N71-24876 Patent C28 N71-28849 Cting heat adiation and C33 N71-28852 Stem Patent C27 N71-28927 Catent
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOMAL ABRONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIC Automatic pump Patent [NASA-CASE-XNP-04731] ATIOMAL ARROMAUTICS AND SPACE ADMINIS 28HINGTON, D.C. Optical spin compensator [NASA-CASE-XGS-02401] Baveguide mixer [NASA-CASE-ERC-10179] Semiconductor-ferroelectric memory [NASA-CASE-ERC-10307] Shielded cathode mode bulk effect of [NASA-CASE-ERC-10119] Fabrication of single crystal film devices [NASA-CASE-ERC-10174] Ultraviolet atomic emission detector [NASA-CASE-ERC-10774] Ultraviolet atomic emission detector [NASA-CASE-ERC-107766-1] Optical pump and driver system for [NASA-CASE-ERC-10283] Clear air turbulence detector [NASA-CASE-ERC-10392] System for indicating direction of aircraft [NASA-CASE-ERC-10326-1] Aircraft control system [NASA-CASE-ERC-10392]	c15 N74-21060 c15 N74-21065 STRATION. CA. CALIF. c15 N71-24042 STRATION. c14 N69-27485 c07 N72-20141 device c08 N72-21198 devices c26 N72-21701 semiconductor c09 N72-22199 c14 N72-25409 OF c14 N72-25428 lasers c16 N72-25485 c14 N72-25485 c14 N72-28437 c21 N73-14692 intruder	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH AMERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-ISS-01143]  Expanding center probe and drogue [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMS-03689-1]  Latching mechanism Patent [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-XMS-03745]  Tube dimpling tool Patent [NASA-CASE-XMS-030745]  Positive locking check valve Pat [NASA-CASE-XMS-09310]  Etching of aluminum for bonding [NASA-CASE-XMS-0303]  Method and apparatus for varying conductivity Patent [NASA-CASE-XMS-04826]  Hethod and apparatus for varying conductivity Patent [NASA-CASE-XMS-04826]  Hethod and construction for prote sensitive bodies from thermal r convective heat Patent [NASA-CASE-XNP-0524]  Propellant tank pressurization sy [NASA-CASE-INP-01310]  Propellant tank pressurization sy [NASA-CASE-INP-01655]  Universal restrainer and joint p	C05 N71-27234 GUNDO, CALIF.  C31 N71-15647 Patent C31 N71-16346 Patent C07 N71-19436 S Patent C09 N71-20569 C15 N71-21076 C15 N71-21076 C15 N71-22706 Patent C17 N71-23828 thermal C33 N71-24876 Patent C28 N71-28849 Cting heat adiation and C33 N71-28852 Stem Patent C27 N71-28929 C15 N71-28937 Patent C15 N71-28937
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOMAL APRONAUTICS AND SPACE ADMINIS ESTREN OPERATIONS OFFICE, SANTA HONIO Automatic pump Patent [NASA-CASE-XNP-04731] ATIOMAL APROMAUTICS AND SPACE ADMINIS SHINGTON, D.C. Optical spin compensator [NASA-CASE-ERC-10179] Semiconductor-ferroelectric memory [NASA-CASE-ERC-10307] Shielded cathode mode bulk effect of [NASA-CASE-ERC-10119] Fabrication of single crystal film devices [NASA-CASE-ERC-10174] Ultraviolet atomic emission detector [NASA-CASE-ERC-1076-1] Optical pump and driver system for [NASA-CASE-ERC-10283] Clear air turbulence detector [NASA-CASE-ERC-10392] System for indicating direction of aircraft [NASA-CASE-ERC-1026-1] Aircraft control system [NASA-CASE-ERC-10439] Display system	c15 N74-21060 c15 N74-21065 STRATION. CA, CALIF. c15 N71-24042 STRATION, c14 N69-27485 c07 N72-20141 device c08 N72-21198 devices c26 N72-21701 semiconductor c09 N72-22199 c14 N72-25428 lasers c16 N72-25428 lasers c16 N72-25485 c14 N72-28437 c21 N73-14692 intruder c14 N73-16483 c02 N73-19004	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH ABERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-ISS-01143]  Expanding center probe and droque [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMF-09422]  High impedance measuring apparatu [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-IMS-06876]  Positive locking check valve Pat [NASA-CASE-XMS-06876]  Positive locking check valve Pat [NASA-CASE-XMS-09310]  Etching of aluminum for bonding [NASA-CASE-XMS-02303]  Method and apparatus for varying conductivity Patent [NASA-CASE-XMS-05524]  Purge device for thrust engines [NASA-CASE-XMS-04826]  Hethod and construction for prote sensitive bodies from thermal r convective heat Patent [NASA-CASE-XMS-00430]  Propellant tank pressurization sy [NASA-CASE-XNP-01310]  Propellant tank pressurization sy [NASA-CASE-XNP-01855]  Universal restrainer and joint P [NASA-CASE-XNP-01855]  Universal restrainer and joint P	C05 N71-27234 GUNDO, CALIF.  C31 N71-15647 Patent C31 N71-16346 Patent C07 N71-19436 S Patent C09 N71-20569 C15 N71-21076 C15 N71-21536 ent C15 N71-22706 Patent C17 N71-23828 thermal C33 N71-24876 Patent C28 N71-28849 Cting heat adiation and C33 N71-28852 Stem Patent C27 N71-28927 Stent C15 N71-28937 Stent C15 N71-28937
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOMAL AERONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIO Automatic pump Patent [NASA-CASE-XNPO-4731] ATIOMAL AERONAUTICS AND SPACE ADMINIS ASHINGTON, D.C. Optical spin compensator [NASA-CASE-XGS-02401] Haveguide mixer [NASA-CASE-ERC-10179] Semiconductor-ferroelectric memory [NASA-CASE-ERC-10307] Shielded cathode mode bulk effect of [NASA-CASE-ERC-10119] Fabrication of single crystal film devices [NASA-CASE-ERC-10174] Ultraviolet atomic emission detector [NASA-CASE-ERC-10174] Ultraviolet atomic emission detector [NASA-CASE-HQN-10756-1] Optical pump and driver system for [NASA-CASE-ERC-10283] Clear air turbulence detector [NASA-CASE-ERC-10392] System for indicating direction of aircraft [NASA-CASE-ERC-10392] Display system [NASA-CASE-ERC-10439] Display system [NASA-CASE-ERC-10439] Display system [NASA-CASE-ERC-10439]	c15 N74-21060 c15 N74-21065 STRATION. CA, CALIF. c15 N71-24042 STRATION, c14 N69-27485 c07 N72-20141 device c08 N72-21198 devices c26 N72-21701 semiconductor c09 N72-22199 c14 N72-25409 or c14 N72-25428 lasers c16 N72-25485 c14 N72-25485 c14 N72-28437 c21 N73-14692 intruder c14 N73-16483 c02 N73-19004 c14 N73-20474	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH AHERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-ISS-01143]  Expanding center probe and droque [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMF-09422]  High impedance measuring apparatu [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-IMS-06876]  Positive locking check valve Pat [NASA-CASE-IMS-09310]  Etching of aluminum for bonding [NASA-CASE-IMF-02303]  Method and apparatus for varying conductivity Patent [NASA-CASE-IMF-02524]  Purge device for thrust engines [NASA-CASE-IMS-04826]  Hethod and construction for prote sensitive bodies from thermal r convective heat Patent [NASA-CASE-INP-01310]  Propellant tank pressurization sy [NASA-CASE-INP-01650]  Spherical shield Patent [NASA-CASE-INP-01855] Universal restrainer and joint P [NASA-CASE-INP-01855] Universal restrainer and joint P [NASA-CASE-INP-01855]  Hethod and device for cooling Pa	C05 N71-27234 GUNDO, CALIF.  C31 N71-15647 Patent C31 N71-16346 Patent C07 N71-19436 S Patent C09 N71-20569 C15 N71-21076 C15 N71-21076 Patent C17 N71-22706 Patent C18 N71-22828 thermal C33 N71-24876 Patent C28 N71-28849 Cting heat C33 N71-28852 Stem Patent C27 N71-28937 Catent C15 N71-28937 Catent C15 N71-28951 tent C33 N71-28951 tent C33 N71-28951
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOMAL ABRONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIC Automatic pump Patent [NASA-CASE-XNP-04731] ATIOMAL ARROMAUTICS AND SPACE ADMINIS 28HINGTON, D.C. Optical spin compensator [NASA-CASE-XGS-02401] Baveguide mixer [NASA-CASE-ERC-10179] Semiconductor-ferroelectric memory [NASA-CASE-ERC-10307] Shielded cathode mode bulk effect of [NASA-CASE-ERC-10119] Fabrication of single crystal film devices [NASA-CASE-ERC-10174] Ultraviolet atomic emission detector [NASA-CASE-ERC-1074] Ultraviolet atomic emission detector [NASA-CASE-ERC-10766-1] Optical pump and driver system for [NASA-CASE-ERC-10283] Clear air turbulence detector [NASA-CASE-ERC-10301] Head-up attitude display [NASA-CASE-ERC-10392] System for indicating direction of aircraft [NASA-CASE-ERC-10392] System for indicating direction of aircraft control system [NASA-CASE-ERC-10439] Display system [NASA-CASE-ERC-10350] Hethod and apparatus for measuring	c15 N74-21060 c15 N74-21065 STRATION. CA. CALIF. c15 N71-24042 STRATION. c14 N69-27485 c07 N72-20141 device c08 N72-21198 devices c26 N72-21701 semiconductor c09 N72-22199 c14 N72-25409 or c14 N72-25409 or c14 N72-25485 c14 N72-25485 c14 N72-25485 c14 N73-14692 intruder c14 N73-16483 c02 N73-19004 c14 N73-20474 solar	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH AHERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-ISS-01143]  Expanding center probe and drogue [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMS-03689-1]  Latching mechanism Patent [NASA-CASE-XMS-03745]  Tube dimpling tool Patent [NASA-CASE-XMS-03745]  Tube dimpling tool Patent [NASA-CASE-XMS-036876]  Positive locking check valve Pat [NASA-CASE-XMS-09310]  Etching of aluminum for bonding [NASA-CASE-XMS-0303]  Method and apparatus for varying conductivity Patent [NASA-CASE-XMP-02303]  Purge device for thrust engines [NASA-CASE-XNP-05524]  Purge device for thrust engines [NASA-CASE-XNP-05524]  Purge device for thrust engines [NASA-CASE-XNP-01310]  Propellant tank pressurization sy [NASA-CASE-XNP-01310]  Propellant tank pressurization sy [NASA-CASE-XNP-01655]  Universal restrainer and joint P [NASA-CASE-XNP-01855]  Universal restrainer and joint P [NASA-CASE-NP-02278]  Hethod and device for cooling Pa [NASA-CASE-HQN-00938]  NORTH AHERICAN AVIATION, INC., LOS A	C05 N71-27234 GUNDO, CALIF.  C31 N71-15647 Patent C31 N71-16346 Patent C07 N71-19436 S Patent C09 N71-20569 C15 N71-21076 C15 N71-21076 C15 N71-22706 Patent C17 N71-23828 thermal C33 N71-24876 Patent C28 N71-28849 Cting heat adiation and C33 N71-28852 Stem Patent C27 N71-28937 Tatent C15 N71-28937 Tatent C33 N71-28951 Tent C33 N71-28951 Tent C33 N71-29053
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOMAL APRONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIC Automatic pump Patent [NASA-CASE-XNPO-4731] ATIOMAL ARROMAUTICS AND SPACE ADMINIS 25HINGTON, D.C. Optical spin compensator [NASA-CASE-XGS-02401] Haveguide mixer [NASA-CASE-ERC-10179] Semiconductor-ferroelectric memory [NASA-CASE-ERC-10307] Shielded cathode mode bulk effect of [NASA-CASE-ERC-10119] Fabrication of single crystal film devices [NASA-CASE-ERC-10174] Ultraviolet atomic emission detector [NASA-CASE-ERC-10174] Ultraviolet atomic emission detector [NASA-CASE-ERC-10222] Totical pump and driver system for [NASA-CASE-ERC-10081] Head-up attitude display [NASA-CASE-ERC-10081] Head-up attitude display [NASA-CASE-ERC-10392] System for indicating direction of aircraft [NASA-CASE-ERC-10226-1] Aircraft control system [NASA-CASE-ERC-10439] Display system [NASA-CASE-ERC-10439] Display system [NASA-CASE-ERC-10439] Bethod and apparatus for measuring activity and atmospheric radiatic	c15 N74-21060  c15 N74-21065  STRATION.  CA. CALIF.  c15 N71-24042  STRATION.  c14 N69-27485  c07 N72-20141  device  c08 N72-21198  devices  c26 N72-21701  semiconductor  c09 N72-22199  c14 N72-25409  OF c14 N72-25428  lasers  c16 N72-25485  c14 N72-25485  c14 N72-28437  c21 N73-14692  intruder  c14 N73-16483  c02 N73-19004  c14 N73-20474  solar  on effects	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH ABERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-ISS-01143]  Expanding center probe and drogue [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMS-03613]  High impedance measuring apparatu [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-IMS-03745]  Tube dimpling tool Patent [NASA-CASE-IMS-06876]  Positive locking check valve Pat [NASA-CASE-XMS-09310]  Etching of aluminum for bonding [NASA-CASE-XMS-09310]  Bething of aluminum for bonding [NASA-CASE-XMS-0930]  Method and apparatus for varying conductivity Patent [NASA-CASE-XMS-0524]  Purge device for thrust engines [NASA-CASE-XMS-04826]  Hethod and construction for prote sensitive bodies from thermal r convective heat Patent [NASA-CASE-XNP-01310]  Propellant tank pressurization sy [NASA-CASE-XNP-01310]  Spherical shield Patent [NASA-CASE-INP-00650]  Spherical shield Patent [NASA-CASE-INP-01855]  Universal restrainer and joint P [NASA-CASE-INP-01855]  Universal restrainer and joint P [NASA-CASE-XNP-02278]  Hethod and device for cooling Pa [NASA-CASE-XNP-02278]  Hethod and system for respiration	C05 N71-27234 GUNDO, CALIF.  C31 N71-15647 Patent C31 N71-16346 Patent C07 N71-19436 S Fatent C09 N71-20569 C15 N71-21076 C15 N71-21076 C15 N71-22706 Patent C15 N71-22706 Patent C17 N71-23828 thermal C33 N71-24876 Patent C28 N71-28849 Cting heat adiation and C33 N71-28852 Stem Patent C27 N71-28937 Tatent C15 N71-28937 Tatent C33 N71-28951 tent C33 N71-29053 UGELES, CALIF. Tanalysis Patent
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOMAL ABRONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIC Automatic pump Patent [NASA-CASE-XNP-04731] ATIOMAL ARROMAUTICS AND SPACE ADMINIS 28HINGTON, D.C. Optical spin compensator [NASA-CASE-XGS-02401] Baveguide mixer [NASA-CASE-ERC-10179] Semiconductor-ferroelectric memory [NASA-CASE-ERC-10307] Shielded cathode mode bulk effect of [NASA-CASE-ERC-10119] Fabrication of single crystal film devices [NASA-CASE-ERC-10174] Ultraviolet atomic emission detector [NASA-CASE-ERC-1074] Ultraviolet atomic emission detector [NASA-CASE-ERC-10766-1] Optical pump and driver system for [NASA-CASE-ERC-10283] Clear air turbulence detector [NASA-CASE-ERC-10392] System for indicating direction of aircraft [NASA-CASE-ERC-10392] System for indicating direction of aircraft control system [NASA-CASE-ERC-10393] Display system [NASA-CASE-ERC-10350] Bethod and apparatus for measuring activity and atmospheric radiatic [NASA-CASE-ERC-10276] Donnler shift system	c15 N74-21060 c15 N74-21065 STRATION. CA. CALIF. c15 N71-24042 STRATION. c14 N69-27485 c07 N72-20141 device c08 N72-21198 devices c26 N72-21701 semiconductor c09 N72-22199 c14 N72-25409 or c14 N72-25409 or c14 N72-25485 c14 N72-25485 c14 N72-25485 c14 N73-14692 intruder c14 N73-16483 c02 N73-19004 c14 N73-20474 solar	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFF-07172]  BORTH ABERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-ISS-01143]  Expanding center probe and droque [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMF-09422]  High impedance measuring apparatu [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-IMS-06876]  Positive locking check valve Pat [NASA-CASE-IMS-06876]  Positive locking check valve Pat [NASA-CASE-IMS-09310]  Etching of aluminum for bonding [NASA-CASE-IMS-09310]  Betching of aluminum for bonding [NASA-CASE-IMS-05524]  Purge device for thrust engines [NASA-CASE-IMS-04826]  Hethod and construction for prote sensitive bodies from thermal r convective heat Patent [NASA-CASE-IMS-004826]  Hethod and construction for prote sensitive bodies from thermal r convective heat Patent [NASA-CASE-IMS-01310]  Propellant tank pressurization sy [NASA-CASE-IMS-00650]  Spherical shield Patent [NASA-CASE-IMS-01855]  Universal restrainer and joint P [NASA-CASE-IMS-01853]  Hethod and device for cooling Pa [NASA-CASE-IMS-0185]  Hethod and system for respiration [NASA-CASE-IMS-018403]	C05 N71-27234 GUNDO, CALIF.  C31 N71-15647 Patent C31 N71-16346 e Patent C07 N71-19436 s Patent C09 N71-20569 C15 N71-21076 C15 N71-21076 Patent C15 N71-22706 Patent C17 N71-23828 thermal C33 N71-24876 Patent C28 N71-28849 Cting heat adiation and C33 N71-28852 stem Patent C27 N71-28927 Tatent C33 N71-28951 tent C33 N71-28951 tent C33 N71-29053 DGRIES, CALIF. analysis Patent C05 N71-11202
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOMAL ABRONAUTICS AND SPACE ADMINIS ESTERN OPERATIONS OFFICE, SANTA HONIC Automatic pump Patent [NASA-CASE-XNP-04731] ATIOMAL ARROMAUTICS AND SPACE ADMINIS 28HINGTON, D.C. Optical spin compensator [NASA-CASE-XGS-02401] Baveguide mixer [NASA-CASE-ERC-10179] Semiconductor-ferroelectric memory [NASA-CASE-ERC-10307] Shielded cathode mode bulk effect of [NASA-CASE-ERC-10119] Fabrication of single crystal film devices [NASA-CASE-ERC-10174] Ultraviolet atomic emission detector [NASA-CASE-ERC-1074] Ultraviolet atomic emission detector [NASA-CASE-ERC-10766-1] Optical pump and driver system for [NASA-CASE-ERC-10283] Clear air turbulence detector [NASA-CASE-ERC-10392] System for indicating direction of aircraft [NASA-CASE-ERC-10392] System for indicating direction of aircraft control system [NASA-CASE-ERC-10393] Display system [NASA-CASE-ERC-10350] Bethod and apparatus for measuring activity and atmospheric radiatic [NASA-CASE-ERC-10276] Donnler shift system	c15 N74-21060  c15 N74-21065  STRATION.  CA. CALIF.  c15 N71-24042  STRATION.  c14 N69-27485  c07 N72-20141  device  c08 N72-21198  devices  c26 N72-21701  semiconductor  c09 N72-22199  c14 N72-25409  OF c14 N72-25428  lasers  c16 N72-25485  c14 N72-25485  c14 N72-28437  c21 N73-14692  intruder  c14 N73-16483  c02 N73-19004  c14 N73-20474  solar  on effects	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFR-07172]  BORTH AHERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-ISS-01143]  Expanding center probe and droque [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMF-09422]  High impedance measuring apparatu [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-IMS-03745]  Tube dimpling tool Patent [NASA-CASE-IMS-03745]  Tube dimpling tool Patent [NASA-CASE-IMS-03745]  Positive locking check valve Pat [NASA-CASE-IMS-09310]  Etching of aluminum for bonding [NASA-CASE-IMF-02303]  Method and apparatus for varying conductivity Patent [NASA-CASE-IMF-02303]  Method and construction for prote sensitive bodies from thermal r convective heat Patent [NASA-CASE-INP-01310]  Propellant tank pressurization sy [NASA-CASE-INP-01310]  Propellant tank pressurization sy [NASA-CASE-INP-01855]  Universal restrainer and joint P [NASA-CASE-INP-01855]  Universal restrainer and joint P [NASA-CASE-INP-01855]  Universal restrainer respiration [NASA-CASE-HQN-00938]  BORTH AHERICAN AVIATION, INC., LOS A Hethod and system for respiration [NASA-CASE-IRP-NATION, INC., TORRA	C05 N71-27234 GUNDO, CALIF.  C31 N71-15647 Patent C31 N71-16346 Patent C07 N71-19436 S Patent C09 N71-20569 C15 N71-21076 C15 N71-21076 Patent C15 N71-22706 Patent C15 N71-22828 thermal C33 N71-28849 Cting heat adiation and C33 N71-28852 Stem Patent C27 N71-28937 Tatent C15 N71-28937 Tatent C33 N71-28951 Tent C33 N71-28951 Tent C33 N71-29053 GELES, CALIF. analysis Patent C05 N71-11202 DCE, CALIF.
[NASA-CASE-NPO-13105-1] Flow control valve [NASA-CASE-NPO-11951-1] ATIOMAL APRONAUTICS AND SPACE ADMINIS ESTREN OPERATIONS OFFICE, SANTA HONIO Automatic pump Patent [NASA-CASE-XNP-04731] ATIOMAL APROMAUTICS AND SPACE ADMINIS SHINGTON, D.C. Optical spin compensator [NASA-CASE-XGS-02401] Haveguide mixer [NASA-CASE-EEC-10179] Semiconductor-ferroelectric memory [NASA-CASE-EEC-10307] Shielded cathode mode bulk effect of [NASA-CASE-EEC-10119] Fabrication of single crystal film devices [NASA-CASE-EEC-10174] Ultraviolet atomic emission detector [NASA-CASE-EEC-10756-1] Optical pump and driver system for [NASA-CASE-EEC-10283] Clear air turbulence detector [NASA-CASE-EEC-10081] Head-up attitude display [NASA-CASE-EEC-10392] System for indicating direction of aircraft [NASA-CASE-EEC-1026-1] Aircraft control system [NASA-CASE-EEC-10439] Display system [NASA-CASE-EEC-10439] Hethod and apparatus for measuring activity and atmospheric radiation [NASA-CASE-EEC-10276]	c15 N74-21060  c15 N74-21065 STRATION.  CA, CALIF.  c15 N71-24042 STRATION.  c14 N69-27485  c07 N72-20141 device  c08 N72-21198 devices  c26 N72-21701 Semiconductor  c09 N72-22199  c14 N72-25409  OI c14 N72-25409  OI c14 N72-25485  c14 N72-25485  c14 N72-25485  c14 N73-14692 intruder  c14 N73-16483  c02 N73-19004  c14 N73-20474 solar on effects  c14 N73-26432  c24 N74-19310	[NASA-CASE-INP-03063]  Vibrophonocardiograph Patent [NASA-CASE-IFF-07172]  BORTH ABERICAN AVIATION, INC., EL SE Aerodynamic spike nozzle Patent [NASA-CASE-ISS-01143]  Expanding center probe and droque [NASA-CASE-XMS-03613]  Radio frequency shielded enclosur [NASA-CASE-XMF-09422]  High impedance measuring apparatu [NASA-CASE-IMS-08589-1]  Latching mechanism Patent [NASA-CASE-IMS-06876]  Positive locking check valve Pat [NASA-CASE-IMS-06876]  Positive locking check valve Pat [NASA-CASE-IMS-09310]  Etching of aluminum for bonding [NASA-CASE-IMS-09310]  Betching of aluminum for bonding [NASA-CASE-IMS-05524]  Purge device for thrust engines [NASA-CASE-IMS-04826]  Hethod and construction for prote sensitive bodies from thermal r convective heat Patent [NASA-CASE-IMS-004826]  Hethod and construction for prote sensitive bodies from thermal r convective heat Patent [NASA-CASE-IMS-01310]  Propellant tank pressurization sy [NASA-CASE-IMS-00650]  Spherical shield Patent [NASA-CASE-IMS-01855]  Universal restrainer and joint P [NASA-CASE-IMS-01853]  Hethod and device for cooling Pa [NASA-CASE-IMS-0185]  Hethod and system for respiration [NASA-CASE-IMS-018403]	C05 N71-27234 GUNDO, CALIF.  C31 N71-15647 Patent C31 N71-16346 Patent C07 N71-19436 S Patent C09 N71-20569 C15 N71-21076 C15 N71-21076 Patent C15 N71-22706 Patent C15 N71-22828 thermal C33 N71-28849 Cting heat adiation and C33 N71-28852 Stem Patent C27 N71-28937 Tatent C15 N71-28937 Tatent C33 N71-28951 Tent C33 N71-28951 Tent C33 N71-29053 GELES, CALIF. analysis Patent C05 N71-11202 DCE, CALIF.

NORTH AMERICAN ROCKWELL CORP., CANOGA PARK,	CALIF. PANAURA CORP. o	PENNSAUKEN, N.J.	
Noncontaminating swabs	Hethod of fo	orging transparent films of Z	
[NASA-CASE-MFS-18700] C15 Observation window for a gas confining c		E-FRC-10019] c15 MRESEARCH, INC., GAINESVILLE,	N73-12487
[NASA-CASE-NPO-10890] C11	N73-12265 Bydroxy ter	minated perfluoro ethers Pat	
Droplet monitoring probe			N71-27254
		olyether acyl fluorides E-NPO-10765] c06	N72-20121
Circuit board package with wedge shaped [NASA-CASB-MFS-21919-1] c10		e resins from hydroxy termina	
FORTH AUBRICAN ROCKWELL CORP., DOWNEY, CALL			
Spacecraft Patent	[ NASA-CAS:		N72-27144
[ and		rinated polyurethanes	. n70_07464
Latching mechanism Patent		E-NPO-10767-2] c06 rinated polyurethanes	N72-27151
[NASA-CASE-MSC-15474-1] C15  Dye penetrant for surfaces subsequently			N73-33076
contacted by liquid oxygen Patent		RP., HOUSTON, TEX.	
		odulation demodulator thresho	14
Frangible link		device Patent E-MSC-12165-1] c07	N71-33696
[NASA-CASE-MSC-11849-1] C15 Impact monitoring apparatus		RP., NEWPORT BEACH, CALIF.	33030
		y extendible telescoping boom	
Bonding or repairing process			N72-25021
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Self-cycling fluid heater [NASA-CASE-MSC-15567-1] c33			7 N73-28013
Aircraft-mounted crash-activated radio d		teered array -	
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Phase protection system for ac power lim		MEY AIRCEAFT, RAST HARTFORD, separation system Patent	CONN.
[NASA-CASE-MSC-17832-1] c10 Apparatus for remote handling of materia			N70-40062
		amping system Patent	
EGRTH AMERICAN ROCKWELL CORP., EL SEGUNDO,			N71-15673
Apparatus for testing viring harness by		ure measuring system and meth E-IMS-01618] c14	lod Patent   N71-20741
vibration generating means [NASA-CASE-MSC-15158-1] c14		ber and combination thereof a	_
NORTH AMERICAN ROCKWELL CORP., LOS ANGELES,		producing said sealing member	
Tactile sensing means for prosthetic lim		E-XMS-01625] c15	5 N71-23022
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NORTH CAROLINA STATE UNIV., RALBIGE. Thermal shock resistant hafnia ceramic m	aterial	Q	
		CS, TARZANA, CALIP.	
NORTHEASTERN UNIV., BOSTON, MASS.		analysis system and method	
Pulse-width modulation multiplier Paten		E-MSC-13436-1] c05	5 N73-32015
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MORTHROP CORP., HAWTHORNE, CALIP. Shock tube bypass piston tunnel	_	R	
NORTHROP CORP., HAWTHORNE, CALIP., Shock tube bypass piston tunnel [NASA-CASE-NPO-12109] c11	N72-22245 RADIATION INST	RUMENT DEVELOPMENT LAB., INC.	.,
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NORTHROP CORPS, HAWTHOENE, CALIPS Shock tube bypass piston tunnel [NASA-CASE-NPO-12109] c11 HOBTEROP NORTRONICS, PALOS VERDES PENINSULA Method of making dry electrodes	N72-22245 RADIATION INST.	RUMENT DEVELOPMENT LAB., INC.	_
NORTHROP CORP., HAWTHORNE, CALIP., Shock tube bypass piston tunnel [NASA-CASE-NPO-12109] NORTHROP NORTRONICS, PALOS VERDES PENINSULA Method of making dry electrodes [NASA-CASE-FRC-10029-2] Valve Seat	N72-22245 RADIATION INST. , CALIF. BELROSE PARK, High speed Patent [NASA-CAS.	RUMENT DEVELOPMENT LAB., INC. ILL. binary to decimal conversion E-XGS-01230] c08	_
NORTHROP CORP., HAWTHOENE, CALIP., Shock tube bypass piston tunnel [NASA-CASE-NPO-12109] c11 NORTHROP NORTHONICS, PALOS VERDES PENINSULA Method of making dry electrodes [NASA-CASE-FEC-10029-2] c05 Valve Seat [NASA-CASE-NPO-10606] c15	N72-22245 RADIATION INST. , CALIF. BELROSE PARK, High speed in Patent [NASA-CAS. N72-25451 RADIATION SYST.	RUMENT DEVELOPMENT LAB., INC. ILL. binary to decimal conversion E-YGS-01230] c08 BMS, INC., MCLBAN, VA.	system
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NORTHROP CORP., HAWTHORNE, CALIP., Shock tube bypass piston tunnel [NASA-CASE-NPO-12109] c11 NORTHROP NORTRONICS, PALOS VERDES PENINSULA Method of making dry electrodes [NASA-CASE-FRC-10029-2] c05 Valve seat [NASA-CASE-NPO-10606] c15 NORTHROP SPACE LABS., HAWTHORNE, CALIP. Method of evaluating moisture barrier pr of encapsulating materials Patent [NASA-CASE-NPO-10051] c18	N72-22245 RADIATION INST. CALIF. High speed Patent [NASA-CAS N72-25451 RADIATION SYST! Monopulse t [NASA-CAS RADIATION, INC. N71-24934 RADIATION, Emerote plat.	RUMENT DEVELOPMENT LAB., INC. ILL. binary to decimal conversion E-XGS-01230] c08 BMS, INC., MCLEAN, VA. racking system Patent E-XGS-01155] c10 a, MELBOURNE, PLA. form power conserving system	system 3 N71-19544 ) P71-21483
NORTHROP CORP., HAWTHORNE, CALIP., Shock tube bypass piston tunnel [NASA-CASE-NPO-12109] c11 NORTHROP NORTHONICS, PALOS VERDES PENINSULA Method of making dry electrodes [NASA-CASE-FRC-10029-2] c05 Valve Seat [NASA-CASE-NPO-10606] c15 NORTHROP SPACE LABS., HAWTHORNE, CALIP. Method of evaluating moisture barrier pr of encapsulating materials Patent [NASA-CASE-NPO-10051] c18 NORTHONICS, PALOS VERDES PENINSULA, CALIP.	N72-22245 RADIATION INST. CALIF. High speed N72-25121 N72-25451 RADIATION SIST. Monopulse t. Patent [NASA-CAS: RADIATION, INC. Remote plat. [NASA-CAS:	RUMENT DEVELOPMENT LAB., INC. ILL. binary to decimal conversion E-XGS-01230] c08 BMS, INC., MCLRAN, VA. racking system Patent E-XGS-01155] c10 a., MBLBOURNE, PLA. form power conserving system B-GSC-11182-1] c31	system 3 N71-19544
NORTHROP CORP., HAWTHORNE, CALIF.  Shock tube bypass piston tunnel [NASA-CASE-NPO-12109] c11  HOBTEROP HORTROHICS, PALOS VERDES PENINSULA  Method of making dry electrodes [NASA-CASE-FEC-10029-2] c05  Valve seat [NASA-CASE-NPO-10606] c15  HOBTHBOP SPACE LABS., HAWTHORNE, CALIF.  Hethod of evaluating moisture barrier pr of encapsulating materials Patent [NASA-CASE-NPO-10051] c18  NORTRONICS, PALOS VERDES PENINSULA, CALIR. Flexible conductive disc electrode Pate	N72-22245   RADIATION INST.	RUBENT DEVELOPMENT LAB., INC.  ILL.  binary to decimal conversion  E-XGS-01230] c08  BMS, INC., MCLEAN, VA.  racking system Patent  E-XGS-01155] c16  a, MELBOURNE, PLA.  form power conserving system  E-GSC-11182-1] c31  AMBRICA, LANCASTER, PA.	system 3 N71-19544 0 N71-21483
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SORTHROF CORP., HAWTHORNE, CALIF. Shock tube bypass piston tunnel [NASA-CASE-NPO-12109]	N72-22245 RADIATION INST. CALIF. HIGH Speed Patent [NASA-CAS] N72-25121 RADIATION SYST. Monopulse t. [NASA-CAS] RADIATON, INC. REMOTE Plat. [NASA-CAS] RADIATON, INC. REMOTE Plat. [NASA-CAS] RADIO CORP. OP Bonding graj System RADIO CORP. OP Water coole mechanism [NASA-CAS] N72-20444 Apparatus f. transisto [NASA-CAS] Helical coa. N71-11236 ES from RADIO CORP. N71-11239 RASA-CAS RADIO CORP. OR RASA-CAS RADIO CORP. RA	RUMENT DEVELOPMENT LAB., INC. III binary to decimal conversion  E-XGS-01230] c08 BMS, INC., MCLRAN, VA. racking system Patent  E-XGS-01155] c16 a., MELBODENB, FLA. form power conserving system  E-GSC-11182-1] c31 AMBRICA, LANCASTER, PA. phite with fused silver chlore  E-XGS-00963] c15 AMBRICA, NEW YORK. d contactor for anode in cark  E-XMS-03700] c15 or ballasting high frequency rs  E-XGS-05003] c05 xial resonator RF filter  E-XGS-02816] c07 esistant silicon semiconductor Patent  E-XGS-07801] c09 detector using manganese as a stent	system  3 N71-19544  3 N71-21483  1 N73-32769  1 N73-32769  1 de  5 N69-39735  2 N69-24266  3 N69-24318  7 N69-24323  3 N71-12513
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SORTHROP CORP., HAWTHORNE, CALIF. Shock tube bypass piston tunnel [NASA-CASE-NPO-12109]	N72-22245  , CALIF.  N72-25121  N72-25121  N72-25451  N72-25451  N71-24934  N71-24934  N71-24618  System  N71-24618  System  N71-26546  N71-26546  N71-1236  N71-11236  N71-11236  N71-11239  The madiation revices  N71-11242  N71-11242  N71-11243  N71-11243  N71-11243  N71-11243  N71-11243  N71-11243  N71-11243  N71-124740  N71-24740  RADIATION INST.  RADIATION SYST.  Monopulse t.  [NASA-CAS.  RADIATION SYST.  Monopulse t.  [NASA-CAS.  RADIATION SYST.  Monopulse t.  [NASA-CAS.  RADIATION SYST.  Monopulse t.  NASA-CAS.  RADIATION SYST.  Monopulse t.  NASA-CAS.  RADIO CORP. OF  Water cooler  Monopulse t.  NASA-CAS.  RADIO CORP. OF  SAS.  RADIATION INST.  RADIATION SYST.  Monopulse t.  NASA-CAS.  RADIO CORP. OF  Connector s.	RUMENT DEVELOPMENT LAB., INC. ILL. binary to decimal conversion  E-XGS-01230] c08  BMS, INC., MCLRAN, VA. racking system Patent  E-XGS-01155] c10 a, MELBOURNE, FLA. form power conserving system  E-GSC-11182-1] c31  AMBRICA, LANCASTER, PA. phite with fused silver chlore- E-XGS-00963] c15  AMBRICA, NEW YORK. d contactor for anode in cark  E-XMS-03700] c15 or ballasting high frequency rs  E-XGS-02816] c09 existant silicon semiconductor Patent  E-XGS-07801] c09 detector using manganese as a tent  E-XMP-01328] c26 e assembly Patent  E-XMP-01328] c26 e assembly Patent  E-XMP-01559] c14 e assing target material of a tent  B-XMP-01659] c39 ungmentation circuit for pulses s Patent	system  3 N71-19544  3 N71-21483  1 N73-32769  1 N73-32769  1 de  5 N69-39735  5 N69-24266  9 N69-24318  7 N69-24323  9 N71-12513  1 doping  5 N71-18064  4 N71-23039  yidicon  9 N71-23189  1 N71-23739
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SORTHROP CORP., HAWTHORNE, CALIF. Shock tube bypass piston tunnel [NASA-CASE-NPO-12109] c11 MORTHROP NORTHONICS, PALOS VERDES PENINSULA Method of making dry electrodes [NASA-CASE-NFO-10029-2] c05 Valve seat [NASA-CASE-NPO-10606] c15 MORTHROP SPACE LABS., HAWTHORNE, CALIF. Method of evaluating moisture barrier pr of encapsulating materials Patent [NASA-CASE-NPO-10051] c18 NORTHONICS, PALOS VERDES PENINSULA, CALIF. Flexible conductive disc electrode Pate [NASA-CASE-FRC-10029] Gas low pressure low flow rate metering Patent [NASA-CASE-FRC-10022] c12 Bethod of temoving insulated material fr insulated wires [NASA-CASE-FRC-10038] c15 MOTHE DAME UNIV., IND. Synthesis of polymeric schiff bases by schiff-base exchange reactions Patent [NASA-CASE-MF-08651] c06 NASA-CASE-MF-08655] Azine polymers and two aldehydes Patent [NASA-CASE-MF-08656] c06 Synthesis of polymeric schiff bases by r of acetals and anine compounds Patent [NASA-CASE-MF-08655] Arine polymers and process for preparing same Patent [NASA-CASE-MF-08656] c06 Synthesis of polymeric schiff bases by r of acetals and anine compounds Patent [NASA-CASE-MF-08655] Aromatic diamine-aromatic dialdehyde hig molecular weight Schiff base Polymers in a monofunctional Schiff base Patent [NASA-CASE-MF-03074]  PACKARD-BRIL ELECTRONICS CORP., HEWBURY PAE Optical alignment system Patent	N72-22245 RADIATION INST. CALIF. N72-25121 N72-25451 RADIATION SYST. Monopulse t. [NASA-CAS. RADIATION SYST. Monopulse t. [NASA-CAS. RADIATION SYST. Monopulse t. [NASA-CAS. RADIATION, INC. Remote plat. [NASA-CAS. RADIO CORP. OP Bonding grag. [NASA-CAS. RADIO CORP. OP Water cooled mechanism [NASA-CAS. RADIO CORP. OP Water cooled mechanisto. [NASA-CAS. Helical coa. [NASA-CAS. RADIO CORP. OP RASA-CAS. RADIO CORP. OP Water cooled mechanisto. [NASA-CAS. Helical coa. [NASA-CAS. RADIO CORP. OP CASA-CAS. RADIO CORP. OP COnnector S. [NASA-CAS. RADIO CORP. OP COnnector S. [NASA-CAS. Solar cell.	RUMENT DEVELOPMENT LAB., INC. ILL. binary to decimal conversion E-XGS-01230]	system  3 N71-19544  3 N71-19544  3 N71-21483  1 N73-32769  ride 5 N69-39735  DOD arc 5 N69-24266  3 N69-24323  3 N71-12513  4 Oping 5 N71-12513  4 N71-23039  ridicon 6 N71-23189  8 N71-28739  T tabs 6 N69-21539

Collapsible reflector Patent [NASA-CASE-XHS-03454]	[NASA-CASE-NPO-11036] c15 N72-24522
[NASA-CASE-XHS-03454] CO9 N71-20658 Simple method of making photovoltaic junctions	ROYAL AIRCRAFT ESTABLISHERNT, FARMBOROUGH (BMGLAND).  Garments for controlling the temperature of the
Patent	body Patent
[NASA-CASE-INP-01960] c09 N71-23027 Bethod of electrolytically binding a layer of	[NASA-CASE-XMS-10269] CO5 N71-24147 RYAN AERONAUTICAL CO., SAN DIEGO, CALIF.
semiconductors together Patent	Hing deployment method and apparatus Patent
[NASA-CASE-INP-01959] c26 N71-23043 Bethod and apparatus for distillation of liquids	[NASA-CASE-XHS-00907] c02 N70-41630 Hasking device Patent
Patent .	[NASA-CASB-XNP-02092] c15 N70-42033
[NASA-CASE-XNP-08124] c15 N71-27184	•
Haximum power point tracker Patent [NASA-CASE-GSC-10376-1] c14 N71-27407	5
Bethod of changing the conductivity of vapor .	SAUDERS ASSOCIATES, INC., BASHUA, BAR.
deposited gallium arsenide by the introduction of water into the wapor deposition atmosphere	Increasing efficiency of switching type regulator circuits Patent
Patent	[ NASA-CASE-XMS-09352] / C09 N71-23316
[NASA-CASE-XNP-01961] c26 N71-29156 Radial heat flux transformer	SABBIA CORP., ALBUQUERQUE, M.HEX. Formaldehyde base disinfectants
[NASA-CASE-NPO-10828] C33 N72-17948	[NASA-CASE-NPO-12115-1] c06 N73-17153
Target acquisition antenna	SANTA CLARA UNIV., CALIP.
[NASA-CASE-GSC-10064-1] c10 N72-22235 Method for distillation of liquids	Reversed cowl flap inlet thrust augmentor [NASA-CASE-ARC-10754-1] c28 N73-32624
[NASA-CASE-INP-08124-2] c06 N73-13129	System for measuring drag forces in a
Hermetically sealed semiconductor [NASA-CASE-GSC-10791-1] c15 N73-14469	turbulently flowing fluid [NASA-CASB-ARC-10755-1] c14 N74-14115
Thermal flux transfer system	SCHJELDAHL (G. T.) CO., NORTHFIELD, DIEN.
[NASA-CASE-NPO-12070-1] c28 N73-32606 Rotary solenoid shutter drive assembly and	Rotating mandrel for assembly of inflatable devices Patent
rotary inertia damper and stop plate assembly	[NASA-CASE-XLA-04143] C15 N71-17687
[NASA-CASE-GSC-11560-1] COS N74-20861	Traveling sealer for contoured table Patent
RAND CORP., SANTA HOBICA, CALIP., Satellite communication system Patent	[NASA-CASE-XLA-01494] c15 N71-24164 SINGER-GENERAL PRECISION, IBC., BINGHAHTON, E.Y.
[NASA-CASE-XNP-02389] C07 H71-28900	CRT blanking and brightness control circuit
BAYHOND BUGINEERING LAB, IEC., BIDDLETOHN, CONN. Synchronous servo loop control system Patent	[NASA-CASE-KSC-10647-1] C10 N72-31273 SHITH ELECTRONICS, INC., CLEVELAND, OHIO.
[NASA-CASE-XNP-03744] c10 N71-20448	Phase detector assembly Patent
Laser Doppler system for measuring three	[NASA-CASE-MMF-00701] c09 N70-40272 SHITESONIAN ASTROPHYSICAL OBSERVATORY, CAMBRIDGE,
dimensional vector velocity Patent	BASS.
[NASA-CASE-NFS-20386] C21 N71-19212 RCA SERVICE CO., IEC., CANDER, N.J.	Atomic hydrogen maser with bulb temperature / control to remove wall shift in maser output
Apparatus for inspecting nicrofilm Patent	frequency
[NASA-CASE-MFS-20240] c14 N71-26788 REBSSELARR POLYTECHNIC IUSTo, TROY, N.Y.	[NASA-CASE-HQN-10654-1] c16 N73-13489
Coincidence apparatus for detecting particles	Tunable cavity resonator with ramp shaped supports [NASA-CASE-HQN-10790-1] c16 N74-11313
[NASA-CASE-XLA-07813] c14 R72-17328	SOLID STATE RADIATIONS, INC., LOS ANGELES, CALIF.
RESEARCH TRIANGLE INST., DURHAH, N.C. Semiconductor p-n junction stress and strain	Biomedical radiation detecting probe Patent (NASA-CASE-XMS-01177) cos N71-19440
sensor	SPACE SCIENCES, INC., BATICE, HASS.
[NASA-CASE-XLA-04980] c09 N69-27422 ROCHESTER UNIV., E.Y.	Doppler shift system [NASA-CASE-HQN-10740-1] c24 N72-28719
Concave grating spectrometer Patent	SPACE SCIENCES, IEC., GALTHAG, HASS.
[NASA-CASE-NGS-01036] c14 N70-40003 ROCRETDYNE, CANOGA PARK, CALIF.	Doppler shift system [NASA-CASE-HON-10740-1] c24 N74-19310
Prequency to analog converter Patent	SPACE TECHNOLOGY LABS., INC., REDOUDO BEACH, CALIP.
[NASA-CASE-XNP-07040] c08 N71-12500 Load cell protection device Patent	Method and apparatus for measuring potentials in
[NASA-CASE-XHS-06782.] c32 N71-15974	plasmas Patent [NASA-CASE-XLE-00821] c25 N71-15650
Thermobulb mount Patent	AC logic flip-flop circuits Patent
[PASA-CASE-NPO-10158] c33 N71-16356 Laminar flow enhancement Patent	[NASA-CASE-IGS-00823] c10 N71-15910 Apparatus for field strength measurement of a
[NASA-CASE-NPO-10122] c12 N71-17631	space wehicle Patent
Temperature sensitive flow regulator Patent [NASA-CASE-NPS-14259] c15 N71-19213	[NASA-CASE-XLE-00820] c14 N71-16014 Hermetically sealed explosive release mechanism
Hydrogen leak detection device Patent	Patent
[NASA-CASE-MFS-11537] c14 N71-20442 Technique of elbow bending small jacketed	[NASA-CASE-IGS-00824] c15 N71-16078 Apparatus for measuring electric field strength
transfer lines Patent	on the surface of a model vehicle Patent
[NASA-CASE-INP-10475] c15 N71-24679 Gas liquefication and dispensing apparatus Patent	[NASA-CASE-XLE-02038] c09 N71-16086 Solar cell mounting Patent
[NASA-CASE-NPO-10070] c15 N71-27372	[NASA-CASE-INP-00826] c03 N71-20895
Locking device for turbine rotor blades Patent [NASA-CASE-XNP-00816] c28 N71-28928	Prestressed refractory structure Patent
Laser camera and diffusion filter therefore Patent	[NASA-CASE-INP-02888] c18 N71-21068 Linear accelerator frequency control system Patent
[NASA-CASE-NPO-10417] c16 N71-33410	[NASA-CASE-XGS-05441] c10 N71-22962
Hydrazinium nitroformate propellant stabilized with nitroguanidine	Pluid lubricant system Patent [MASA-CASE-XNP-03972] c15 N71-23048
[NASA-CASE-NPO-12000] C27 N72-25699	Compensating bandwidth switching transients in
Heat flow calorimeter [NASA-CASE-GSC-11434-1] c14 N72-27430	an amplifier circuit Patent [NASA-CASE-XNP-01107] c10 N71-28859
Hydrazinium mitroformate propellant with	SPACELABS, IBC., VAN NOIS, CALIF.
saturated polymeric hydrocarbon binder [NASA-CASE-NPO-12015] c27 N73-16764	Peak polarity selector Patent [NASA-CASE-FRC-10010] c10 H71-24862
Novel polymers and method of preparing same	[NASA-CASE-FRC-10010] c10 H71-24862 Respiration monitor
[NASA-CASE-NPO-10998-1] .c06 N73-32029	[NASA-CASE-FRC-10012] c14 N72-17329
BOPH CORP., CHULA VISTA, CALIF.  Bethod of forming shapes from planar sheets of	SPACO, INC., HUNTSVILLE, ALA. Sight switch using an infrared source and sensor

[ MASA-CASE-YEP-03934 ] C09 H71-22985	TECHNIDINE, INC., WEST CHESTER, PA
Method and device for detecting voids in low	Methods and apparatus employing vibratory energy
density material Patent	for wrenching Patent fNASA-CASE-MPS-205861 c15 N71-17686
[MASA-CASE-BFS-20044] c14 N71-28993	
SPECTRA-PHYSICS, INC., MODETAIN VIEW, CALIF.	TECHNOLOGY, INC., SAN ARTONIO, TELL Contourograph system for monitoring
Optically pumped resonance magnetometer for	electrocardiograms
determining vectoral components in a spatial	[NASA-CASE-HSC-13407-1] c10 H72-20225
coordinate system Patent [MASA-CASE-XGS-04879] c14 M71~20428	Rorotkov sound processor
[NASA-CASE-NGS-04879] C14 871-20428 SPECTROLAB, INC., SYLHAR, CALIF.	[NASA-CASE-MSC-13999-1] c05 #72-25142
Ultraviolet filter	Modification of the physical properties of
[MASA-CASE-XNP-02340]	freeze-dried rice
Central spar and module joint Patent	[NASA-CASE-MSC-13540-1] C05 N72-33096
[NASA-CASE-XEP-02341] c15 N71-21531	TELEDYNE BROWN ENGINEERING, HUBTSVILLE, ALA.
Apparatus for applying cover slides	Self-recording portable soil penetrometer
[NASA-CASE-NPO-10575] c03 N72-25019	[NASA-CASB-MPS-20774] c14 N73-19420
SPERRY GYROSCOPE CO., GREAT MECK, No Yo	TEMPLE UNIV. RESEARCH INST., PHILADELPHIA, PA.
Automatic gain control system	Barium release system
[NASA-CASE-XES-05307] CO9 N69-24330	[NASA-CASE-LAR-10670-1] c06 N73-30097
SPEERY RAUD CORP., BLUE BELL, PA.	TEXAS INSTRUMENTS, INC., DALLAS.
Flipflop interrogator and bi-polar current	Integrated circuit including field effect
driver Patent	transistor and cernet resistor
[NASA-CASE-XGS-03058] c10 N71-19547	[MASA-CASE-GSC-10835-1] c09 #72-33205
SPRERY RAND CORP., HUNTSVILLE, ALA.	TEXAS TECHNOLOGICAL UNIV., LUBBOCK.
Optical tracking mount Patent	Insulated electrocardiographic electrodes  f WASA-CASE-NSC-14339-11 c05 N73-21151
[NASA-CASE-MPS-14017] c14 N71-26627	£
Collapsible antenna boom and transmission line	TRANS-SONICS, INC., LEXINGTON, MASS.
Patent	Capacitive tank gaging apparatus being independent of liquid distribution
[NASA-CASE-MFS-20068] c07 N71-27191	[NASA-CASE-MPS-21629] C14 072-22442
nevice for handling printed circuit cards Patent [NASA-CASE-MFS-20453] c15 N71-29133	TRIDERT REGIRERRING ASSOCIATES, IEC., ASHAPOLIS, AD.
[NASA-CASE-MFS-20453] C15 N/1-29133 A device for configuring multiple leads	Spectroscope equipment using a slender
[NASA-CASE-MPS-22133-1] c15 N73-18473	cylindrical reflector as a substitute for a
Frequency division multiplex technique	slit Patent
[ NASA-CASE-KSC-10521 ] C07 N73-20176	[ NASA-CASE-KGS-08269 ] C23 N71-26206
An improved system for enhancing tool exchange	TRU EQUIPMENT LABS., CLEVELAND, ONIO.
capabilities of a portable wrench	Pulsed energy power system Patent
[NASA-CASE-MFS-22283-1] c15 N73-30462	[NASA-CASE-MSC-13112] c03 N71-11057
SPERRY RAND CORP., PHOENIX, ARIZ.	TRU SYSTEMS GROUP, REDONDO BEACH, CALIF.
Isolation coupling arrangement for a torque	Ablative resin Patent
measuring system	(NASA-CASE-XLE-05913] c33 N71-14032
[NASA-CASE-XLA-04897] c15 N72-22482	Passive caging mechanism Patent
STANFORD RESEARCH IEST., MEELO PARK, CALIF.	[NASA-CASE-GSC-10306-1] c15 N71-24694
Automatic fault correction system for parallel	Multiple varactor frequency doubler Patent
signal channels Patent	[NASA-CASE-NRP-04958-1] C10 N71-26414
[MASA-CASE-XNP-03263] c09 N71-18843	Booster tank system Patent (NASA-CASE-MSC-12390] c27 N71-29155
Mercury capillary interrupter Patent	•
[NASA-CASE-XNP-02251] c12 N71-20896	Besonant infrasonic gauging apparatus  FNASA-CASE-MSC-11847-11 c14 N72-11363
<pre>Nagnetic power switch Patent [NASA-CASE-NPO-10242]</pre>	[NASA-CASE-MSC-11847-1] C14 N72-11363 Cosmic dust analyzer
[NASA-CASE-NPO-10242] c09 N71-24803 Procedure and apparatus for determination of	[NASA-CASE-MSC-13802-1] c30 N72-20805
water in mitrogen tetroxide	Wide range analog-to-digital converter with a
[NASA-CASE-NPO-10234] c06 N72-17094	variable gain auplifier
STANFORD UNIV., CALIF.	[NASA-CASE-NPO-11018] c08 H72-21200
Active RC networks	System for preconditioning a combustible vapor
[NASA-CASE-ARC-10042-2] c10 N72-11256	[NASA-CASE-NPO-12072] c28 N72-22772
Multiloop BC active filter apparatus having low	Pailsafe multiple transformer circuit
parameter sensitivity with low amplifier gain	configuration
[NASA-CASE-ARC-10192] c09 872-21245	[NASA-CASE-NPO-11078] C09 N72-25262
Spacecraft attitude control method and apparatus	Digital control and information system
[NASA-CASE-HQN-10439] c21 N72-21624	[NASA-CASE-NPO-11016] COS N72-31226
Laser system with an antiresonant optical ring	TRU SYSTEMS, REDONDO BEACH, CALIF.
[ MASA-CASE-HQH-10844-1 ] c16 W74-20118	Blectronechanical actuator
STANFORD UNIV., PALO ALTO, CALIF.	[NASA-CASE-XNP-05975] c15 H69-23185
RC networks and amplifiers employing the same	Control valve and co-axial variable injector
[NASA-CASE-XAC-05462-2] c10 N72-17171	
	Patent
STATE UNIV. OF IOWA, IOWA CITY.	[ NASA-CASE-XHP-09702 ] c15 N71-17654
Mixture separation cell Patent	[NASA-CASE-XHP-09702] c15 H71-17654 Hultiple orifice throttle valve Patent
Hixture separation cell Patent [NASA-CASE-XMS-02952] c18 N71-20742	[NASA-CASE-XMP-09702] c15 M71-17654 Multiple orifice throttle valve Patent [NASA-CASE-XMP-09698] c15 M71-18580
Hixture separation cell Patent [NASA-CASE-XMS-02952] c18 H71-20742 SYLVANIA ELECTRONIC SYSTEMS-CENTRAL, HILLIAMSVILLE,	[NASA-CASE-XMP-09702] c15 M71-17654 Multiple orifice throttle valve Patent [NASA-CASE-XMP-09698] c15 M71-18580 Semitoroidal diaphragm cavitating valve Patent
Hixture separation cell Patent [NASA-CASE-IMS-02952] c18 N71-20742 SYLVANIA ELECTRONIC SYSTEMS-CENTRAL, WILLIAMSVILLE, N-Ya	[NASA-CASE-XHP-09702] c15 N71-17654 Multiple orifice throttle valve Patent [NASA-CASE-XHP-09698] c15 N71-18580 Semitoroidal diaphragm cavitating valve Patent [NASA-CASE-XHP-09704] c12 N71-18615
Hixture separation cell Patent [NASA-CASE-IMS-02952] c18 N71-20742 SYLVANIA ELECTRONIC SYSTEMS-CENTRAL, WILLIAMSVILLE, N.Y. Acquisition and tracking system for optical radar	[NASA-CASE-XHP-09702] c15 H71-17654 Multiple orifice throttle valve Patent [NASA-CASE-XHP-09698] c15 H71-18580 Semitoroidal diaphragm cavitating valve Patent [HASA-CASE-XHP-09704] c12 H71-18615 Electrohydrodynamic control valve Patent
Hixture separation cell Patent [NASA-CASE-IMS-02952] c18 B71-20742 SYLVANIA BLECTRONIC SYSTEMS-CRHTBAL, WILLIAMSVILLE, B. 1. Acquisition and tracking system for optical radar [NASA-CASE-MFS-20125] c16 B72-13437	[NASA-CASE-XHP-09702] c15 H71-17654  Multiple orifice throttle valve Patent [NASA-CASE-XHP-09698] c15 H71-18580  Semitoroidal diaphragm cavitating valve Patent [HASA-CASE-XHP-09704] c12 H71-18615  Electrohydrodynamic control valve Patent [NASA-CASE-HPO-10416] c12 H71-27332
Mixture separation cell Patent [NASA-CASE-IMS-02952] c18 N71-20742 SYLVANIA ELECTRONIC SYSTEMS-CENTRAL, WILLIAMSVILLE, N-1. Acquisition and tracking system for optical radar [NASA-CASE-MFS-20125] c16 N72-13437 Altitude sensing device	[NASA-CASE-XHP-09702] c15 N71-17654  Multiple orifice throttle valve Patent [NASA-CASE-XHP-09698] c15 N71-18580  Semitoroidal diaphragm cavitating valve Patent [NASA-CASE-XHP-09704] c12 N71-18615  Electrohydrodynamic control valve Patent [NASA-CASE-NPO-10416] c12 N71-27332  TRM, INCA, REDONDO BRACE, CALIF.
Hixture separation cell Patent [NASA-CASE-IMS-02952] c18 B71-20742 SYLVANIA BLECTRONIC SYSTEMS-CRHTBAL, WILLIAMSVILLE, B. 1. Acquisition and tracking system for optical radar [NASA-CASE-MFS-20125] c16 B72-13437	[NASA-CASE-XHP-09702] c15 N71-17654 Multiple orifice throttle valve Patent [NASA-CASE-XHP-09698] c15 N71-18580 Semitoroidal diaphragm cavitating valve Patent [HASA-CASE-XHP-09704] c12 N71-18615 Electrohydrodynamic control valve Patent [NASA-CASE-NPO-10416] c12 N71-27332 TRY, INC., REDONDO BRACE, CALIF. Hethod of and device for determining the
Mixture separation cell Patent [NASA-CASE-IMS-02952] c18 N71-20742 SYLVANIA ELECTRONIC SYSTEMS-CENTRAL, WILLIAMSVILLE, N-1. Acquisition and tracking system for optical radar [NASA-CASE-MFS-20125] c16 N72-13437 Altitude sensing device	[NASA-CASE-XHP-09702] c15 N71-17654  Hultiple orifice throttle valve Patent [NASA-CASE-XHP-09698] c15 N71-18580  Semitoroidal diaphragm cavitating valve Patent [NASA-CASE-XHP-09704] c12 N71-18615  Electrohydrodynamic control valve Patent [NASA-CASE-NPO-10416] c12 N71-27332  TRW, INC., REDONDO BRACE, CALIF.  Method of and device for determining the characteristics and flux distribution of micrometeorites
Mixture separation cell Patent [NASA-CASE-IMS-02952] c18 N71-20742 SYLVANIA ELECTRONIC SYSTEMS-CENTRAL, WILLIAMSVILLE, N-1. Acquisition and tracking system for optical radar [NASA-CASE-MFS-20125] c16 N72-13437 Altitude sensing device	[NASA-CASE-XHP-09702] c15 N71-17654 Multiple orifice throttle valve Patent [NASA-CASE-XHP-09698] c15 N71-18580 Semitoroidal diaphragm cavitating valve Patent [HASA-CASE-XHP-09704] c12 N71-18615 Electrobydrodynamic control valve Patent [NASA-CASE-NPO-10416] c12 N71-27332 TRM, INCA, REDONDO BRACE, CALIF. Method of and device for determining the characteristics and flux distribution of
Hixture separation cell Patent [NASA-CASE-INS-02952] SYLVANIA ELECTRONIC SYSTEMS-CRHTRAL, WILLIAMSVILLE, W-I. Acquisition and tracking system for optical radar [NASA-CASE-NFS-20125] Altitude sensing device [NASA-CASE-INS-01994-1] C14 W72-17326  TAME DESIGNS, INC4, COLLEGE PARK, NDc	[NASA-CASE-XHP-09702] c15 N71-17654 Multiple orifice throttle valve Patent [NASA-CASE-XHP-09698] c15 N71-18580 Semitoroidal diaphragm cavitating valve Patent [NASA-CASE-XHP-09704] c12 N71-18615 Electrohydrodynamic control valve Patent [NASA-CASE-NPO-10416] c12 N71-27332 THY, INC., REBOWDO BEACH, CALIF. Method of and device for determining the characteristics and flux distribution of micrometeorites [MASA-CASE-NPO-12127-1] c14 N74-13130 Ultrasonically bonded valve assembly
Hixture separation cell Patent [NASA-CASE-INS-02952] c18 H71-20742  SYLVANIA ELECTRONIC SYSTEMS-CENTRAL, WILLIAMSVILLE,  N-I.  Acquisition and tracking system for optical radar [NASA-CASE-HFS-20125] c16 H72-13437  Altitude sensing device [NASA-CASE-XHS-01994-1] c14 H72-17326  T  TAG DESIGNS, INC., COLLEGE PARK, HD.  Recovery of radiation damaged solar cells	[NASA-CASE-XHP-09702] c15 N71-17654 Multiple orifice throttle valve Patent [NASA-CASE-XHP-09698] c15 N71-18580 Semitoroidal diaphragm cavitating valve Patent [NASA-CASE-XHP-09704] c12 N71-18615 Electrohydrodynamic control valve Patent [NASA-CASE-NPO-10416] c12 N71-27332 TRW, INCA, REDOWDO BRACE, CALIF. Method of and device for determining the characteristics and flux distribution of micrometeorites [NASA-CASE-NPO-12127-1] c14 N74-13130
Hixture separation cell Patent [NASA-CASE-IMS-02952] c18 H71-20742  SYLVANIA ELECTRONIC SYSTEMS-CENTRAL, WILLIAMSVILLE,  N.Y.  Acquisition and tracking system for optical radar [NASA-CASE-MFS-20125] c16 H72-13437  Altitude sensing device [WASA-CASE-XMS-01994-1] c14 W72-17326  T  TAMG DESIGNS, INC., COLLEGE PARK, ND.  Recovery of radiation damaged solar cells through thermal annealing	[NASA-CASE-XHP-09702] c15 N71-17654  Hultiple orifice throttle valve Patent [NASA-CASE-XHP-09698] c15 N71-18580  Semitoroidal diaphragm cavitating valve Patent [NASA-CASE-XHP-09704] c12 N71-18615  Electrohydrodynamic control valve Patent [NASA-CASE-NPO-10416] c12 N71-27332  TRW, INC., REDOWDO BRACE, CALIF.  Method of and device for determining the characteristics and flux distribution of micrometeorites [NASA-CASE-NPO-12127-1] c14 N74-13130  Ultrasonically bonded valve assembly [NASA-CASE-NPO-1360-1] c15 N74-20073  TICO LABS-, INC., WALTHAM, NASS.
Hixture separation cell Patent [NASA-CASE-IMS-02952] SYLVANIA ELECTRONIC SYSTEMS-CRHTRAL, HILLIAMSVILLE, W.Y. Acquisition and tracking system for optical radar [NASA-CASE-MFS-20125] Altitude sensing device [HASA-CASE-IMS-01994-1]  THAG DESIGNS, IHC4, COLLEGE PARK, MD. Recovery of radiation damaged solar cells through thermal annealing [HASA-CASE-IGS-04047-2]  C18 N71-20742  C18 N72-17326	[NASA-CASE-XHP-09702] c15 N71-17654 Multiple orifice throttle valve Patent [NASA-CASE-XHP-09698] c15 N71-18580 Semitoroidal diaphragm cavitating valve Patent [NASA-CASE-XHP-09704] c12 N71-18615 Electrohydrodynamic control valve Patent [NASA-CASE-NPO-10416] c12 N71-27332 TRM, INCA, REDONDO BRACE, CALIFA Method of and device for determining the characteristics and flux distribution of micrometeorites [NASA-CASE-NPO-12127-7] c14 N74-13130 Ultrasonically bonded valve assembly [NASA-CASE-NPO-13360-1] c15 N74-20073 TICO LABS-, INCA, WALTHAM, NASS- Bonding thermoelectric elements to monmagnetic
Mixture separation cell Patent [NASA-CASE-INS-02952] c18 N71-20742  SYLVANIA ELECTRONIC SYSTEMS-CENTRAL, WILLIAMSVILLE,  N-I.  Acquisition and tracking system for optical radar [NASA-CASE-MFS-20125] c16 N72-13437  Altitude sensing device [NASA-CASE-INS-01994-1] c14 N72-17326  TAME DESIGNS, INC., COLLEGE FARK, ND.  Recovery of radiation damaged solar cells through thermal annealing [NASA-CASE-INS-04047-2] c03 N72-11062 Phototropic composition of matter	[NASA-CASE-XHP-09702] c15 N71-17654 Multiple orifice throttle valve Patent [NASA-CASE-XHP-09698] c15 N71-18580 Semitoroidal diaphragm cavitating valve Patent [NASA-CASE-XHP-09704] c12 N71-18615 Electrohydrodynamic control valve Patent [NASA-CASE-NPO-10416] c12 N71-27332 THY, INC., REBONDO BEACE, CALIF. Method of and device for determining the characteristics and flux distribution of micrometeorites [HASA-CASE-NPO-12127-7] c14 N74-13130 Ultrasonically bonded valve assembly [NASA-CASE-NPO-13360-1] c15 N74-20073 THCO LABS., INC., WALTHAM, NASS. Bonding thermoelectric elements to monmagnetic refractory metal electrodes
Mixture separation cell Patent [NASA-CASE-INS-02952] c18 N71-20742  SYLVANIA ELECTRONIC SYSTEMS-CENTRAL, WILLIAMSVILLE,  N-I.  Acquisition and tracking system for optical radar [NASA-CASE-MFS-20125] c16 N72-13437  Altitude sensing device [NASA-CASE-INS-01994-1] c14 N72-17326  T  TAME DESIGNS, INC., COLLEGE PARK, ND.  Recovery of radiation damaged solar cells through thermal annealing [NASA-CASE-INS-04047-2] c03 N72-11062 Phototropic composition of matter [NASA-CASE-INS-03736] c14 N72-22443	[NASA-CASE-XHP-09702] Multiple orifice throttle valve Patent [NASA-CASE-XHP-09698] Semitoroidal diaphragm cavitating valve Patent [HASA-CASE-XHP-09704] C12 H71-18615 Electrohydrodynamic control valve Patent [NASA-CASE-NPO-10416] C12 H71-27332 THM, INC., REDONDO BEACH, CALIF. Hethod of and device for determining the characteristics and flux distribution of micrometeorites [HASA-CASE-HPO-12127-1] C14 H74-13130 Ultrasonically bonded valve assembly [HASA-CASE-HPO-13360-1] THCO LABS., INC., WALTHAM, HASS. Bonding thermoelectric elements to monmagnetic refractory metal electrodes [HASA-CASE-IGS-04554] C15 H69-39786
Hixture separation cell Patent [NASA-CASE-IMS-02952] SYLVANIA ELECTRONIC SYSTEMS-CENTRAL, WILLIAMSVILLE, W.Y.  Acquisition and tracking system for optical radar [NASA-CASE-MFS-20125] Altitude sensing device [WASA-CASE-XMS-01994-1]  TAME DESIGNS, INC., COLLEGE PARK, MD. Recovery of radiation damaged solar cells through thermal annealing [WASA-CASE-IGS-04047-2] Phototropic composition of matter [MASA-CASE-IGS-03736] TECHNICOLOR, INC., PARAMUS, M.J.	[NASA-CASE-XNP-09702] c15 N71-17654 Multiple orifice throttle valve Patent [NASA-CASE-XNP-09698] c15 N71-18580 Semitoroidal diaphragm cavitating valve Patent [NASA-CASE-XNP-09704] c12 N71-18615 Electrohydrodynamic control valve Patent [NASA-CASE-NPO-10416] c12 N71-27332 TRW, INCA, REDONDO BRACE, CALIF. Method of and device for determining the characteristics and flux distribution of micrometeorites [NASA-CASE-NPO-12127-1] c14 N74-13130 Ultrasonically bonded valve assembly [NASA-CASE-NPO-13360-1] c15 N74-20073 TICO LABS., INCA, WALTHAM, NASS. Bonding thermoelectric elements to nonmagnetic refractory metal electrodes [NASA-CASE-NFO-1360-1] c15 N69-39786 Segmenting lead telluride-silicon germanium
Mixture separation cell Patent [NASA-CASE-XMS-02952] C18 N71-20742 SYLVANIA ELECTRONIC SYSTEMS-CRHTRAL, WILLIAMSVILLE, W-Ya. Acquisition and tracking system for optical radar [NASA-CASE-MFS-20125] C16 N72-13437 Altitude sensing device [NASA-CASE-XMS-01994-1] C14 N72-17326  TAME DESIGNS, INC., COLLEGE PARK, ND. Recovery of radiation damaged solar cells through thermal annealing [NASA-CASE-XGS-04047-2] C03 N72-11062 Phototropic composition of matter [NASA-CASE-XGS-03736] C14 N72-22443 TECHNICOLOR, INC., PARAMUS, N.J. Automatic lightning detection and photographic	[NASA-CASE-XNP-09702] c15 N71-17654 Multiple orifice throttle valve Patent [NASA-CASE-XNP-09698] c15 N71-18580 Semitoroidal diaphragm cavitating valve Patent [NASA-CASE-XNP-09704] c12 N71-18615 Electrohydrodynamic control valve Patent [NASA-CASE-NPO-10416] c12 N71-27332 TRM, INC., REDOWDO BRACE, CALIF. Method of and device for determining the characteristics and flux distribution of micrometeorites [NASA-CASE-NPO-12127-1] c14 N74-13130 Ultrasonically bonded valve assembly [NASA-CASE-NPO-13360-1] c15 N74-20073 TICO LABS., INC., NALTHAM, NASS. Bonding thermoelectric elements to monmagnetic refractory metal electrodes [NASA-CASE-XGS-04554] c15 N69-39786 Segmenting lead telluride-silicon germanium thermoelements Fatent
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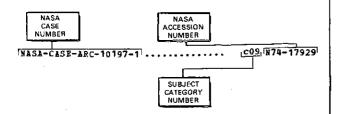
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UBIPIED SCIENCE ASSOCIATES, IDC., PASADERA, CALIP. Hethod of producing crystalline materials
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NASA-CASE-GSC-11428-1	c09 N74-20864	NASA-CASE-KSC-10729-1	c09 N73~32110
NASA-CASE-GSC-11434-1	c14 N72~27430	NASA-CASE-KSC-10730-1	c14 N73-32318
NASA-CASE-GSC-11444-1	c14 N73-28490	NASA-CASE-KSC-10731-1	c14 N73-10461
NASA-CASE-GSC-11445-1	c15 N72-28503 c09 N74-20860	NASA-CASE-KSC-10736-1	c09 N73~23290 c14 N73~23527
NASA-CASE-GSC-11446-1	c21 N73-11680	NASA-CASE-KSC-10752-1	c15 N73-27407
NASA-CASE-GSC-11487-1	c14 N73-30393	NASA-CASE-KSC-10769-1	c09 N73-27153
NASA-CASE-GSC-11492-1	c14 N73-28497	NASA-CASE-KSC-10782-1	c07 N73-32063
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NASA-CASE-GSC-11531-1	c05 N73-11097	NASA-CASE-LAE-10000	c14 N73-30394 c05 N71-11195
NASA-CASE-GSC-11533-1	c14 N73-13435 c15 N74-18132	NASA-CASE-LAR-10007-1	c15 N72-22484
NASA-CASE-GSC-11551-1	c07 N74-15831	NASA-CASE-LAR-10056	c05 N71-12351
NASA-CASE-GSC-11560-1	c09 N74-20861	NASA-CASE-LAR-10061-1	c15 N72-31483
NASA-CASE-GSC-11569-1	c14 N73-11404	NASA-CASE-LAR-10076-1	c05 N73-20137
NASA-CASE-GSC-11577-1	c15 N73-19467	NASA-CASE-LAR-10083-1	c15 N71-27006
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NASA-CASE-GSC-11602-1	c09 N73-13214	NASA-CASE-LAR-10102-1	c05 N72-23085 c33 N74-15652
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NASA-CASE-GSC-11620-1	c14 N72-33379	NASA-CASE-LAR-10100-1	c15 N71-26721
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NASA-CASE-GSC-11627-1	c09 N74-19852	NASA-CASE-LAR-10129-1	c15 N73-25512
NASA-CASE-GSC-11690-1	c14 N73-28499	NASA-CASE-LAR-10129-2	c15 N74-20063
NASA-CASE-GSC-11743-1	G07 N73-27107	NASA-CASE-LAR-10137-1	c09 N72-22204
NASA-CASE-GSC-11744-1	c09 N73-23291	NASA-CASE-LAR-10163-1	c09 'N72-25247
NASA-CASE-GSC-11746-1	c16 N73-32398 c33 N74-19583	NASA-CASE-LAR-10168-1	c09 N73-22151 c15 N74-11301
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NASA-CASE-GSC-11783-1	c09 N73-32116	NASA-CASE-LAR-10176-1	c14 N72-20380
NASA-CASE-GSC-11786-1	c18 N74-10542	NASA-CASE-LAR-10180-1	c06 N71-13461
NASA-CASE-GSC-11844-1	c09 N74-19853	NASA-CASE-LAR-10184	c14 N72-22445
NASA-CASE-GSC-113173	c09 N74-20863	NASA-CASE-LAR-10193-1	c15 N71-27146
		NASA-CASE-LAR-10194-1	c12 N72-11293
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NASA-CASE-HQN-00937	c07 N71-28979 c33 N71-29053	NASA-CASE-LAR-10203-1	c15 N72-16330 c14 N71-27215
NASA-CASE-HQN-10037-1	c14 N73-27376	NASA-CASE-LAR-10218-1	c09 N70-34559
NASA-CASE-HQN-10364	c06 N71-27363	NASA-CASE-LAR-10226-1	c14 N73-19419
NASA-CASE-HQN-10439	c21 N72-21624	NASA-CASE-LAR-10241-1	c05 N74-14845
NASA-CASE-HQN-10541-1	c07 N71-26291	NASA-CASE-LAR-10249-1	c02 N71-26110
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NASA-CASE-HON-10541-3	c23 N72-23695 c16 N71-27183	NASA-CASE-LAR-10256-1	c11 N72-20253
NASA-CASE-HON-10541-4	c23 N72-21663	NASA-CASE-LAR-10270-1	c32 N72-25877 c14 N71-17626
NASA-CASE-HQN-10542-1	c15 N73-30460	NASA-CASE-LAR-10276-1	c11 N70-26813
NASA-CASE-EQN-10654-1	c16 N73-13489	NASA-CASE-LAR-10294-1	c26 N72-28762
NASA-CASE-HON-10703	c21 N73-13643	NASA-CASE-LAR-10295-1	c15 N74-21062
NASA-CASE-HQN-10740-1	c24 N72-28719	NASA-CASE-LAR-10305	c14 N71-26137
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NASA-CASE-EQN-10780	c14 N71-30265 c23 N71-30292	NASA-CASE-LAR-10317-1	c32 N71-16103 c14 N74-18089
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NASA-CASE-HQN-10832-1	c14 N74-21014	NASA-CASE-LAR-10323-1	c12 N71-17573
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NASA-CASE-KSC-10003	c10 N73-13235 c10 N71-27338		c03 N70-26817
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NASA-CASE-KSC-10108	c14 N73-25461	NASA-CASE-LAR-10373-1	c18 N71-26155
NASA-CASE-KSC-10126	c11 N71-24985	NASA-CASE-LAR-10385-2	c23 N74-13436
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NASA-CASE-KSC-10198	c11 N71-28629	NASA-CASE-LAR-10409-1	c15 N74-21059
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NASA-CASE-KSC-10392	c07 N73-26117	NASA-CASE-LAR-10440-1	c14 N73-32323
NASA-CASE-K5C-10393	c09 N72-21247	NASA-CASE-LAR-10450-1	c15 N73-10504
NASA-CASE-KSC-10397	c08 N72-25206	NASA-CASE-LAR-10483-1	c14 N73-32327
NASA-CASE-KSC-10513	c15 N72-25453	NASA-CASE-LAR-10489-1	c15 N74-18124
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NASA-CASE-KSC-10565	c09 N72-25250 c08 N73-12176	NASA-CASE-LAR-10496-1	c14 N72-22437 c09 N72-21248
NASA-CASE-KSC-10595	c15 N73-12486	NASA-CASE-LAR-10507-1	c11 N72-25284
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NASA-CASE-LAR-10541-1	c15 N72-32487	NASA-CASE-LAR-11310-1	c28'N73-31699
NASA-CASE-LAR-10544-1	c15 N74-13178	NASA-CASE-LAR-11341-1	c16 N73-25564
NASA-CASE-LAR-10545-1	c09 N72-21244	NASA-CASE-LAR-11352-1	c09 N74-19854
NASA-CASE-LAR-10546-1	c11 N72-25287	NASA-CASE-LAR-11353-1	c14 N74-20020
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NASA-CASE-LAR-10550-1	c11 N72-27271	NASA-CASE-LAR-11379-1	c07 N74-11005
NASA-CASE-LAR-10551-1	c06 N74-12813	NASA-CASE-LAR-11389-1	c09 N73-32121
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NASA-CASE-LAR-10578-1	c12 N73-25262	NASA-CASE-LEW-10155-1	c09 N71-29035
NASA-CASE-LAH-10585-1	c01 N73-14981	NASA-CASE-LEW-10210-1	c28 N71-26781
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NASA-CASE-LAR-10590-1	c15 N70-26819	NASA-CASE-LEW-10233	c10 N71-27126
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	c14 N73-13415	NASA-CASE-LEW-10920-1	c17 N73-24569
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NASA-CASE-LAR-11059-1	c30 N73-26838	NASA-CASE-LEW-11076-4 NASA-CASE-LEW-11087-1	c15 N74-18134
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NASA-CASE-LAR-11071-1	c15 N73-18474	NASA-CASE-LEW-11087-3	c15 N74-13120
NASA-CASE-LAR-11072-1	c15 N73-20535	NASA-CASE-LEW-11101-1	c31 N73-32750
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NASA-CASE-LAR-11084-1	c09 N73-12216	WASA-CASE-LEW-11152-1	c15 N73-32359
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NASA-CASE-LAR-11207-1	c14 N73-28496	NASA-CASE-LEW-11227-1	c33 N71-35153

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NASA-CASE-LEW-11274-1	c15 N73-29457	NASA-CASE-MFS-16570-1	c05 N73-32013
NASA-CASE-LEW-11286-1	c02 N73-21066	NASA-CASE-MFS-16609-2	c07 N73-31084
NASA-CASE-LEW-11325-1	c06 N73-27980	NASA-CASE-MFS-18100	c15 N72-11390
NASA-CASE-LEW-11326-1	c23 N73-30665	NASA-CASE-MFS-18495	c15 N72-11385
NASA-CASE-LEW-11348-1	c17 N72-25517	NASA-CASE-MFS-20011	c18 N72-22566
NASA-CASE-LEH-11358	c03 N71-26084	NASA-CASP-MFS-20044	c14 N71-28993
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	c03 N72-20034	NASA-CASE-MFS-20074	c16 N71-15565
		NASA-CASE-MFS-20075	c09 N71-26133
NASA-CASE-LEW-11387-1	c15 N74-18128		c24 N72-11595
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NASA-CASE-LEH-11390-3	c11 N73-28128	NASA-CASE-MFS-20130	c28 N71-27585
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		NASA-CASE-MPS-20325	c28 N71-27095
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NASA-CASE-NPO-10158	c33 ¥71-16356	NASA-CASE-NPO-10755	c15 N71-27084
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NASA-CASE-NFO-10169	c10_N71-24844	NASA-CASE-NPO-10760	c09 N72-25254
MASA-CASE-NPO-10173	c15 N71-24696	NASA-CASE-NPO-10764-1	c14 N73-14428
MASA-CASE-MPO-10174	c14 N71-18465	NASA-CASE-NPO-10764-2	c10 N73-20259
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	c03 N71-20273	NASA-CASE-NPO-10767-2	c06 N72-27151
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NASA-CASE-RPO-10194	c09 -171-24806	NASA-CASE-NPO-10768-2	c06 N72-27144
BASA-CASE-NPO-10198		WASA-CASE-NPO-10769	c08 N72-11171
HASA-CASE-BPO-10199	c09 N72-17156	NASA-CASE-NPO-10774	c06 N72-17095
NASA-CASE-BPO-10201	c08 N71-18694	I	c14 N72-11364
NASA-CASE-SPO-10214	c10 871-26577		c15 N71-27068
HASA-CASE-NFO-10230	c09 #71-12520	NASA-CASE-NPO-10796	c15 N71-27432
MASA-CASE-MPO-10231	c07 #71~26101	NASA-CASE-NPO-10808	c14 N71-27323
NASA-CASE-MPO-10234	c06 N72-17094	NASA-CASE-NPO-10810	c14 N/1-2/323
MASA-CASE-NPO-10242	C09 N71-24803	NASA-CASE-NPO-10812	
BASA-CASE-NPO-10244	c15 N72~26371	NASA-CASE-NPO-10817-1	c08 N73-30135
NASA-CASE-NPO-10250	c23 N71-16212	NASA-CASE-NPO-10821	c03 N71-19545
NASA-CASE-NPO-10251	c10 N71-27365	NASA-CASE-NPO-10828	c33 N72-17948
MASA-CASE-MPO-10271	c17 N71-16393	NASA-CASE-NPO-10831	c33 N72-20915
NASA-CASE-NPO-10298	c12 N71-17661	NASA-CASE-NPO-10832	c14 N72-21405
BASA-CASE-BPO-10300	c14 N71-17662	HASA-CASE-NPO-10844	c07 N72-20140
BASA-CASE-BPO-10301	c07 872-11148	NASA-CASE-NPO-10851	c07 N71-24613
MASA-CASE-NPO-10302	c10 N71-26142	NASA-CASE-NPO-10862	c06 N72-22107
NASA-CASE-NPO-10303	c07 N72-22127	NASA-CASE-NPO-10863	c06 N70-11251
BASA-CASE-NPO-10309	c15 #69-23190	NASA-CASE-NPO-10863-2	c06 N72-25152
RASA-CASE-NPO-10303	c31 H71-15643	NASA-CASE-NPO-10883	c31 N72-22874
HASA-CASE-NPO-10311	c14 N71-17655	MASA-CASE-NPO-10890	c11 #73-12265
	c09 N71-26701	NASA-CASE-NPO-10893	c27 H73-12203
NASA-CASE-NPO-10331	c14 N71-15604	MASA-CASE-NPO-10985	c14 #73-20478
MASA-CASE-NPO-10337	c10 #71-33407	WASA-CASE-NPO-10998-1	c06 173-32029
BASA-CASE-NPO-10342			c05 873-32029
WASA-CASE-WPO-10343	c07 N71-27341	NASA-CASE-NPO-10999-1	CVO N/3-32029
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NASA-CASE-NPO-11001	c07 N72-21118	NASA-CASE-NPO-11623-1	c23 N72-25628
NASA-CASE-NPO-11002	c14 N72-22441	NASA-CASE-NPO-11628-1	c07 N73-30113
NASA-CASE-NFO-11012	c15 N72-11391	NASA-CASE-NPO-11630	c08 N72-33172
NASA-CASE-NPO-11013	c11 N72~22247	NASA-CASE-NPO-11631	c10 N73-12244
NASA-CASE-NPO-11016	c08 N72-31226	NASA-CASE-NPO-11659-1	c14 N74-11283
NASA-CASE-NPO-11018	c08 N72-21200		=
NASA-CASE-NPO-11021	c03 N72-20032	NASA-CASE-NPO-11661	CO7 N73-14130
NASA-CASE-NPO-11023	c09 N72-17155	NASA-CASE-NPO-11682-1	c15 N74-15127
NASA-CASE-NPO-11031	c07 N71-33606	NASA-CASE-NPO-11686	c14 N73-25462
NASA-CASE-NPO-11036	c15 N72-24522	NASA-CASE-NPO-11703-1	c10 N73-32144
NASA-CASE-NPO-11059	c15 N72-17454	NASA-CASE-NPO-11707	c07 N73-25161
NASA-CASE-NFO-11064	c07 N72-11150	NA5A-CASE-NPO-11738-1	c09 N73-30185
NASA-CASE-NPO-11078	c09 N72-25262	NASA-CASE-NPO-11743-1	c33 N73-29959
NASA-CASE-NPO-11082	c08 N72-22167	NASA-CASE-NPO-11749	c14 N73-28486
NASA-CASE-NPO-11087	c23 N71-29125	NASA-CASE-NPO-11751	c07 N73-24176
NASA-CASE-NPO-11088	c08 N71-29034	NASA-CASE-NPO-11758-1	c15 N72-28507
NASA-CASE-NPO-11091	c18 N72-22567	NASA-CASE-NPO-11771	c03 N73-20040
NASA-CASE-NPO-11095	c15 N72-25455	NASA-CASE-NPO-11775	c26 N72-28761
NA5A-CASE-NPO-11104	c08 N72-22165	NASA-CASE-NPO-11806-1	c03 N74-19693
NASA-CASE-NPO-11106	c14 N70-34697	NASA-CASE-NPO-11820-1	c07 N74-19788 c08 N73-26175
NASA-CASE-NPO-11106-2	c23 N72-28696		C09 N74-12912
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NASA-CASE-NPO-11120-1	c33 N74-18552 c09 N72-33204	NASA-CASE-NPO-11856-1	c14 N74-20009
NASA-CASE-NPO-11129	c08 N72-20176	NASA-CASE-NPO-11868	c10 N73-20254
NASA-CASE-NPO-11130	c10 N72-20223	NASA-CASE-NPO-11880	c28 N73-24783
NASA-CASE-NPO-11134	CD9 N72-21246	NASA-CASE-NPO-11905-1	c08 N74-12887
NASA-CASE-NPO-11138	c03 N70-34646	NASA-CASE-NPO-11919-1	c14 N74-11284
NASA-CASE-NPO-11140	c15 N72-17455	NASA-CASE-NPO-11921-1	c07 N73-23118
NASA-CASE-NPO-11147	c14 N72-27408	NASA-CASE-NPO-11932-1	c14 N73-29438
NASA-CASE-NPO-11156-2	c03 N73-30974	NASA-CASE-NPO-11941-1	c10 N73-27171
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NASA-CASE-NPO-11177	c15 N72-17453	NASA-CASE-NPO-11948-1	c10 N73-15255
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NASA-CASE-NPO-11194	c08 N72-25209	NASA-CASE-NPO-11962-1	c09 N74-10194
NASA-CASE-NPO-11201	c14 N72-27409	NASA-CASE-NPO-11966-1	c09 N74-17928
NASA-CASE-NPO-11202	c15 N72-25450	NASA-CASE-NPO-11975-1	c27 N73-17802
NASA-CASE-NPO-11203	c10 N72-20224	NASA-CASE-NPO-12000	c27 N72-25699
NASA-CASE-NPO-11210	c11 N72-20244	NASA-CASE-NPO-12015	c27 N73-16764
NASA-CASE-NPO-11213	c15 N73-20514	NASA-CASE-NPO-12061-1	c06 N72-21100
NASA-CASE-NPO-11222	c15 N72-25456	NASA-CASE-NPO-12070-1	c28 N73-32606
NASA-CASE-NPO-11239	c14 N73-12446	NASA-CASE-NPO-12072	c28 N72-22772
NASA-CASE-NPO-11243	c07 N72-20154	NASA-CASE-NPO-12106	c09 N73-15235
NASA-CASE-NPO-11253	c09 N72-17157	NASA-CASE-NPO-12107	c08 N71-27255
NASA-CASE-BPO-11264	c07 N72-25174	WASA-CASE-NPO-12109	c11 N72-22245
NASA-CASE-NPO-11282	c10 N73-16205	NASA-CASE-NPO-12115-1	c06 N73-17153
NASA-CASE-NPO-11283	c09 N72-25260	NASA-CASE-NPO-12122-1	c27 N74-20397
NASA-CASE-NPO-11291-1	c14 N73-30388	NASA-CASE-NPO-12127-1	c14 N74-13130
NASA-CASE-NPO-11302-1	c07 N73-13149	NASA-CASE-NPO-12128-1	c14 N73-32317
NASA-CASE-NPO-11302-2 NASA-CASE-NPO-11304	c07 N74-10132 c14 N73-26430	NASA-CASE-NPO-13044-1	c14 N74-15094 c16 N73-18508
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NASA-CASE-NPO-11317-2	c16 N74-13205	MASA-CASE-NPO-13091-1	c09 K73-12214
NASA-CASE-NPO-11322	c06 N72-25146	NASA-CASE-NPO-13103-1	c07 N74-20811
NASA-CASE-NPO-11330	c33 N73-26958	NASA-CASE-NPO-13105-1	c15 N74-21060
NASA-CASE-NPO-11333	c08 N72-22162	NASA-CASE-NPO-13112-1	c11 N73-29138
NASA-CASE-NPO-11338	C08 N72-25208	NASA-CASE-NPO-13114-1	c22 N73-13656
NASA-CASE-NPO-11340	c15 N72-33477	NASA-CASE-NPO-13120-1	c18 N73-23629
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NASA-CASE-NPO-11371	c08 N73-12177	NASA-CASE-NPO-13139-1	c08 N74-17911
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NASA-CASE-NPO-11377 NASA-CASE-NPO-11387	c15 N73-27406	NASA-CASE-NPO-13157-1	c15 N73-26475
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NASA-CASE-NPO-11437	c16 N72-28521	NASA-CASE-NPO-13214-1	c14 N74-19093
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NASA-CASE-NPO-11458	c28 N72-23810	NASA-CASE-NPO-13217-1	C07 N73-26144
NASA-CASE-NPO-11479	c15 N73-13462	NASA-CASE-NPO-13224-1	c05 N73-31011
NASA-CASE-NPO-11481	c21 N73+13644	NASA-CASE-NPO-13253-1	c15 N73-31445
NASA-CASE-NPO-11493	c14 N73-12447	NASA-CASE-NPO-13263-1	c15 N73-31443
NASA-CASE-NPO-11497	c08 N73-25206	NASA-CASE-NPO-13292-1	c07 N74-15838
NASA-CASE-NPO-11548	c07 N73-26118	NASA-CASE-NPO-13303-1	c03 N74-19701
NASA-CASE-NPO-11556	c12 N72-25292	NASA-CASE-NPO-13308-1	c03 N74-19702
NASA-CASE-NPO-11559	c28 #73-24784	NASA-CASE-NPO-13313-1	c05 N74-17858
NASA-CASE-NPO-11569	c10 N73-26229	NASA-CASE-NPO-13321-1	c07 N74-19806
NASA-CASE-NPO-11572	c07 N73-16121	NASA-CASE-NPO-13327-1	c14 N74-18093
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NASA-CASE-NPO-13374-1	c10 N74-17949		
NASA-CASE-NPO-13391-1	c33 N74-19584	NASA-CASE-XFR-00181	c21 N70-33279
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NASA-CASE-XAC-00139	c02 N70-34856	NASA-CASE-XFR-10856	COS 11/1 11105
NASA-CASE-NAC-00319	c25 N70-41628	NASA-CASE-XGS-00131	c09 N70-38995
NASA-CASE-XAC-00399 NASA-CASE-XAC-00404	C08 N70-40125	NASA-CASE-XGS-00174	c08 N70-34743
NASA-CASE-XAC-00405	c05 N70-41819	NASA-CASE-XGS-00260	c31 N70-37924
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NASA-CASE-XAC-00942	c10 N71-16042	WASA-CASE-XGS-00473	c03 N70-38713 c15 N70-35087
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NASA-CASE-XAC-02407	c14 N69-27423	NASA-CASE-XGS-00824	c15 N71-16078
NASA-CASE-XAC-02807	c09 N71-23021	NASA-CASE-XGS-00886	c03 N71-11053
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NASA-CASE-XAC-10608-1	c09 N71-12517	NASA-CASE-XGS-01674	c03 N71-29129
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NASA-CASE-XAC+10770-1	c16 N71-24828	NASA-CASE-XGS-01784	c10 N71-20782
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NASA-CASE-XER-07895	c26 N72-25679	NASA-CASE-XGS-02290	c07 N71-28809
NASA-CASE-XER-07896-2	c23 N72-22673	NASA-CASE-XGS-02317	c09 N71-23525
NASA-CASE-XER-08476-1	c26 N72-17820	NASA-CASE-XGS-02319	c14 N71-22965
NASA-CASE-XER-09213	c07 N71-12390	NASA-CASE-XGS-02401	c14 N69-27485
NASA-CASE-XER-09519	c14 N71-18483	NASA-CASE-XGS-02422	c15 N71-21529
NASA-CASE-XER-09521	c09 N72-12136	NASA-CASE-XGS-02435	c18 N71-22998
NASA-CASE-XER-11019	c09 N71-23598	NASA-CASE-XGS-02437	c15 N69-21472
NASA-CASE-XER-11046	c09 N72-22203 c09 N72-21251	NASA-CASE-XGS-02439	c14 x71-19431 c08 x71-19432
NASA-CASE-XBR-11046-2	c14 N71-28994	NASA-CASE-XGS-02440	c15 N70-41629
NAJA-CROD-1420-1420-1444-446		NASA-CASE-KGS-02554	c31 N71-21064
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NASA-CASE-XGS-02607		c31 N71-23009	NASA-CASE-XGS-10010		c03 N72-15986
NASA-CASE-XG5-02608		CO7 N70-41678	NASA-CASE-XGS-10518		c16 N71-28554
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NASA-CASE-XGS-02612		c08 N71-19435			
NASA-CASE-XGS-02629		c14 x71-21082	NASA-CASE-XHQ-01208	******	c15 N70-35409
NASA-CASE-XGS-02630		c03 N71-22974	NASA-CASE-XHQ-01897		c28 N70-35381
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NASA-CASE-XGS-02812		c09 N71-19466			
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NASA-CASE-XGS-02884		c15 N71-22705	NASA-CASE-XKS-01985	************	c15 N71-10782
NASA-CASE-XGS-02889	***********	CO7 N71-11282	NASA-CASE-XKS-02342		c05 N71~11199
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NASA-CASE-XGS-03120		c15 N71-24047	NASA-CASE-XKS-03381		c09 N71-22796
NASA-CASE-XGS-03230		c14 N71-23401	NASA-CASE-XKS-03495		c14 N69-39785
NASA-CASE-XGS-03303		c08 N71-18595	NASA-CASE-XKS-03509	,	c14 N71-23175
MASA-CASE-XGS-03304		c09 N71-22988	NASA-CASE-XKS-04614	*************	c15 N69-21460
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		c03 N71-23187	NASA-CASE-XKS-05932	************	c09 N71-26787
NASA-CASE-XGS-03390		c10 N71-23029	NASA-CASE-IKS-06167	***********	c08 N71-24890
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NASA-CASE-XGS-03431	************	c09 N71-20864	NASA-CASE-XKS-07953		c15 N71-26134
NASA-CASE-XGS-03501		c10 N71-20852	NASA-CASE-XKS-08012-		c31 N71-15566
NASA-CASE-XGS-03502	• • • • • • • • • • • • • • • • • • • •	c03 N71-10608	NASA-CASE-XKS-08485		c07 N71-19493
NASA-CASE-XGS-03505	***************************************		NASA-CASE-XKS-00483		c07 N71-79493
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NASA-CASE-XGS-03556	• • • • • • • • • • • • • • • • • • • •	c27 N70-35534	NASA-CASE-XKS-09348	********	
NASA-CASE-XGS-03632		c09 N71-23311	NASA-CASE-XKS-10543		c07 N71-26292 c05 N71-24606
NASA-CASE-XGS-03644	***********	c16 N71-18614	NASA-CASE-XKS-10804	***********	CV3 N/1-24606
NASA-CASE-XGS-03736		c14 N72-22443			- 4 F N 7 1 4 2 4 2 4 2
NASA-CASE-XGS-03864		c15 N69-24320	NASA-CASE-XLA-8914	*********	c15 N73-12492
NASA-CASE-XGS-03865		c14 N69-21363	NASA-CASE-XLA-00013		c15 N71-29136
NASA-CASE-XGS-04047-		c03 N72-11062	NASA-CASE-XLA-00062		c14 N70-33254
NASA-CASE-XGS-04119	* * * * * * * * * * * * * * * * * * * *	c18 N69-39979	NASA-CASE-XLA-00087		c02 N70-33332
NASA-CASE-XGS-04173		c19 N71-26674	NASA-CASE-XLA-00100		c14 N70-36807
NASA-CASE-XGS-04175		c15 N71-18579	NASA-CASE-XLA-00105		c28 N70-33331
NASA-CASE-XGS-04224		c10 N71-26418	NASA-CASE-XLA-00112		c11 N70-33287
NASA-CASE-XGS-04227		c15 N71-21744	NASA-CASE-XLA-00113		c14 N70-33386
NASA-CASE-XGS-04393		c21 N71-14159	NASA-CASE-XLA-00115		c03 N70-33343
NASA-LASE-XGS-04478		c14 N71-24233	NASA-CASE-XLA-00117		c31 N71-17680
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NASA-CASE-XGS-04531		c03 N69-24267	NASA-CASE-XLA-00119		c11 N70-33329
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NASA-CASE-XGS-04766		c08 N71-18602	NASA-CASE-XLA-00137		c15 N70-33180
NASA-CASE-XGS-04767		c08 N71-12494	NASA-CASE-XLA-00138		c31 N70-37981
NASA-CASE-XGS-04768		c08 N71-19437	NASA-CASE-XLA-00141		c09 N70-33312
NASA-CASE-XGS-04799		c18 N71-24183	NASA-CASE-XLA-00142		c02 N70-33286
NASA-CASE-XGS-04808		c03 N69-25146	NASA-CASE-XLA-00147		c25 N70-34661
NASA-CASE-XGS-04879		c14 N71-20428	NASA-CASE-XLA-00149		c31 N70-37938
NASA+CASE+XGS-04987		c08 N71-20571	NASA-CASE-XLA-00154		c28 N70-33374
NASA-CASE-XGS-04993		c14 N71-17574	NASA-CASE-XLA-00158		c26 N70-36805
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NASA-CASE-XGS-05003		c09 N69-24318	NASA-CASE-XLA-00183		c14 N70-40239
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NASA-CASE-XGS-05289		c09 N71-19470	NASA-CASE-XLA-00195		c02 N70-38009
NASA-CASE-XGS-05290		c09 N71-25999	NASA-CASE-XLA-00203		c14 N70-34161
NASA-CASE-XGS-05291		c23 N71-16341	NASA-CASE-XLA-00204		c32 N70-36536
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NASA-CASE-XGS-05532		c06 N71-17705	NASA-CASE-XLA-00230		c02 N70-33255
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NASA-CASE-XGS-05534		c23 N71-16355	NASA-CASE-XLA-00256		c31 N71-15663
NASA-CASE-XGS-05579		c31 N71-15676			c31 N70-38676
		c07 N69-27460	NASA-CASE-XLA-00258		c21 N70-36943
NASA-CASE-XGS-05582 NASA-CASE-XGS-05680		c14 N71-17585	NASA-CASE-XLA-00281 NASA-CASE-XLA-00284		c15 N71-16075
NASA-CASE-XGS-05715		c23 N71-17585			c15 N71-16077
NASA-CASE-XGS-U5715 NASA-CASE-XGS-05718	***********	c26 N71-16037	NASA-CASE-XLA-00302		c27 N70-34783
			NASA-CASE-XLA-00304	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
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NASA-CASE-XGS-06226 NASA-CASE-XGS-06306	************		NASA-CASE-XLA-00327		c33 N70-34540
NASA-CASE-XGS-06628		c17 N71-16044 c24 N71-16213	NASA-CASE-XLA-00330		c33 N70-34540
NASA-CASE-XGS-00028			NASA-CASE-XLA-00349		c02 N70-38011
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NASA-CASE-XGS-07752	* * * * * * * * * * * * * * * * * * * *	c14 N73-30390	NASA-CASE-XLA-00377		c33 N71-17610
NASA-CASE-XGS-07801		c09 N71-12513	NASA-CASE-XLA-00378	*************	c11 N71-15925
NA 5A-CASE-XGS-07805	************	c15 N72-33476	NASA-CASE-XLA-00414	*****	c07 N70-38200
NASA-CASE-XGS-08259		c14 N71-23698	NASA-CASE-XLA-00415		c15 N71-16079
NASA-CASE-XGS-08266	• • • • • • • • • • • • • • • • • • • •	c14 N69-27432	NASA-CASE-XLA-00471	*******	c08 N70-34778
NASA-CASE-XGS-08269	***********	c23 N71-26206	NASA-CASE-XLA-00481		c14 N70-36824
NASA-CASE-XGS-08679	************	c10 N71-21473	NASA-CASE-XLA-00482	******	c15 N70-36409
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NASA-CASE-XGS-08729	***********	c28 N71-14044	NASA-CASE-XLA-00492	•••••	c14 N70-34799
NASA-CASE-XGS-09190		c31 N71-16102	NASA-CASE-XLA-00493		c11 N70-34786

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		44 470 (4330	NASA-CASE-XLA-02705	c08 N71-15908
NASA-CASE-XLA-00495 NASA-CASE-XLA-00670		c14 N70-41332 c08 N71-12501	NASA-CASE-XLA-02705	C14 N71-18481
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RASA-CASE-XLA-00678		c31 N70-34296	NASA-CASE-XLA-02810	c14 N71-25901 c09 N71-20447
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NASA-ÇASE-XLA-00755		c01 N71-13410	NASA-CASE-XLA-03076	c07 N73-11266
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WASA-CASE-XLA-00941		c14 N71-23240	NASA-CASE-XLA-03375	c16 N71-24074
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NASA-CASE-XLA-01584	***********	c14 N71-23269 c32 N71-21045	NASA-CASE-XLA-05464 NASA-CASE-XLA-05541	c12 N71-26387
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NASA-CASE-XLA-02332		c32 N71-17609	NASA-CASE-XLA-07911	c15 N71-15571
NASA-CASE-XLA-02551		c21 N71-21708	NASA-CASE-XLA-08254 NASA-CASE-XLA-08491	c14 N71-26161 c05 N69-21380
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NASA-CASE-XLA-09346		c15 N71-28740	NASA-CASE-XLE-00810	c15 N70-34861
NASA-CASE-XLA-09371		c10 N71-18724	NASA-CASE-XLE-00815	c15 N70-35407
NA SA-CASE-XLA-09480	* * * * * * * * * * * * * * * * * * * *	c11 N71-33612	NASA-CASE-XLE-00817	c28 N7/0-33265
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NASA-CASE-XLA-09881		c31 x71-16085	NASA-CASE-XLE-00820	c14 N71-16014
NASA-CASE-XLA-10322	************	c15 N72-17452	NASA-CASE-XLE-00821	c25 N/1-15650
NASA-CASE-XLA-10402		c14 N71-29041	NASA-CASE-XLE-00953	c15 N/71-15966
NASA-CASE-XLA-10450	************	c28 N71-21493	NASA-CASE-XLE-01015	c03 N69-39898
NASA-CASE-XLA-10470		c15 N72-21489	NASA-CASE-XLE-01092	c15 171-22797
NASA-CASE-XLA-10772		c07 N71-28980	NASA-CASB-XLE-01124	c28 N71-14043
NASA-CASE-XLA-11028		c15 N72-21486	NASA-CASE-XLE-01182	C27 N71-15635
NASA-CASE-XLA-11154		c07 N72-21117	NASA-CASE-XLE-01246	c14 N71-10797
NASA-CASE-XLA-11189		c10 N72-20222	NASA-CASE-XLE-01300	c15 N70-41993
			NASA-CASE-XLE-01399	C33 N71-15625
NASA-CASE-XLE-2529-3		c09 N74-20859	NASA-CASE-XLE-01449	c15 N70-41646
NASA-CASE-XLE-00005		c28 N70-39899	NASA-CASE-XLE-01481	C14 N71-10781
NASA-CASE-XLE-00010		c15 N70-33382	NASA-CASE-XLE-01512	c12 N70-40124
NASA-CASE-KLE-00011		c14 N70-41946	NASA-CASE-XLE-01533	c11 N71-10777
NASA-CASE-XLE-00020	**********	c15 N70-33226	NASA-CASE-XLE-01604-2	C15 N71-15610
NASA-CASE-XLE-00023		c15 N70-33330	NASA-CASE-XLE-01609	c14 N71-10500
NASA-CASE-XLE-00027		c33 N71-29152	NASA-CASE-XLE-01640	c31 N71-15637
NASA-CASE-XLE-00035		c33 N71-29151	NASA-CASE-XLE-01645	C03 N71-20904
NASA-CASE-XLE-00037		c28 N70-333 <b>72</b>	NASA-CASE-XLB-01716	C09 N70-40234
NASA-CASE-XLE-00046	******	c15 N70-33311	NASA-CASE-XLE-01765	c18 N71-10772
NASA-CASE-XLE-00057		c28 N70-38711	NASA-CASE-XLE-01783	c28 N70-34175
NASA-CASE-XLE-00078		c28 N70-33284	WASA-CASE-XLE-01902	c28 N71-10574
NASA-CASE-XLE-00085	• • • • • • • • • • • • • • • • • • • •	c28 N70-39895	NASA-CASE-XLE-01903	c22 N71-23599
NASA-CASE-XLE-00092		c15 N70-33264	NASA-CASE-XLE-01988	c27 N71-15634
NASA-CASE-XLE-00101		c15 N70-33376	NASA-CASE-XLB-01997	c06 N71-23527
NASA-CASE-XLE-00103		c28 N70-33241	NASA-CASE-XLE-02008	c09 N71-21583
NASA-CASE-XLE-00106		с15 м71 <b>-1</b> 6076	NASA-CASE-XLE-02024	c14 N71-22964
NASA-CASE-XLE-00111		c28 N70-38199	NASA-CASE-XLE-02038	c09 N71-16086
NASA-CASE-XLE-00143		c14 N70-36618	NASA-CASE-XLE-02066	c28 N71-15661
NASA-CASE-XLE-00144		C28 N70-34860	NASA-CASE-XLE-02082	c17 N71-16026
NASA-CASE-XLE-00145		c28 N70-36806	NASA-CASE-XLE-02083	c03 N69-39983
NASA-CASE-XLE-00150		C28 N70-41818	NASA-CASE-XLE-02428	c17 N70-33288
NASA-CASE-XLE-00151	• • • • • • • • • • • • • • • • • • • •	c17 N70-33283	NASA-CASE-XLE-02531	c05 N71-23080
NASA-CASE-XLE-00155		c28 N71-29154	NASA-CASE-XLE-02578	c25 N71-20747
NASA-CASE-XLE-00164	• • • • • • • • • • • • • • • •	c15 N70-36411	NASA-CASE-XLE-02624	c12 N69-39988
NASA-CASE-XLE-00168	***********	c11 N70-33278	NASA-CASE-XLE-02647	c18 N71-23658
NASA-CASE-XLE-00170	*******	c15 N70-36412	NASA-CASE-XLE-02792	c26 N71-10607
NASA-CASE-XLE-00177		C28 N70-40367	NASA-CASE-KLE-02798	c26 N71-23654
NASA-CASE-XLE-00207 NASA-CASE-XLE-00208	• • • • • • • • • • • • • • • • • • • •	c28 N70-33375	NASA-CASE-ILE-02823	c09 N71-23443
NASA-CASE-XLE-00209		c28 N70-34294	NASA-CASE-XLE-02824	c03 N69 - 39890
NASA-CASE-XLE-00209	• • • • • • • • • • • • • • • • • • • •	c22 N73-32528	NASA-CASE-XLE-02902	c25 N71-21694
NASA-CASE-XLE-00222	• • • • • • • • • • • • • • • • • • • •	c03 N70-34134	NASA-CASE-XLE-02991	c17 N71-16025
NASA-CASE-XLE-00228	• • • • • • • • • • • • • • • • • • • •	c02 N70-37939	NASA-CASE-XLE-02998	c14 N70-42074
NASA-CASE-XLE-00231	• • • • • • • • • • • • • • • • • • • •	c17 N70-38490	NASA-CASE-XLE-02999	c15 N741-16052
NASA-CASE-XLE-00243	• • • • • • • • • • • • • • • • • • • •	c17 N70-38198	NASA-CASE-XLE-03061-1	c10 N7.1-24798
NASA-CASE-XLE-00243		c14 N70-38602 c11 N70-34844	NASA-CASE-XLE-03155-2	c09 N72-20205
NASA-CASE-XLE-00266			NASA-CASE-XLE-03157	c28 N71-24736
NASA-CASE-XLE-00267		c14 N70-34156 c28 N70-33356	NASA-CASE-XLE-03280	c14 N7.1-23093
NASA-CASE-XLE-00283	*************	c17 N70-33556	NASA-CASE-XLE-03307	c33 N71-14035
NASA-CASE-XLE-00288		c17 N70-36616	NASA-CASE-XLE-03432	c33 N71-24145
NASA-CASE-XLE-00298		c22 N70-34501	NASA-CASE-XLE-03494	c27 N71-21819
NASA-CASE-XLE-00301	*************	c14 N70-36808	NASA-CASE-XLE-03512 NASA-CASE-XLE-03583	c12 N69-21466 c31 N71-17629
NASA-CASE-XLE-00303	*************	c15 N70-36535		
NASA-CASE-XLE-00321	**************	G22 N70-34572	NASA-CASE-XLE-03629 NASA-CASE-XLE-03778	c17 N71-23248
NASA-CASE-XLE-00323		c28 N70-38505	1	
NASA-CASE-XLE-00335	*************	c14 N70-35368	NASA-CASE-XLE-03803 NASA-CASE-XLE-03803-2	c15 N71-23816 c15 N71-17651
NASA-CASE-XLE-00342	************	c28 N70-37980		
NASA-CASE-XLF-00345	• • • • • • • • • • • • • • • •	c15 N70-38020	NASA-CASE-XLE-03804 NASA-CASE-XLE-03925	c10 N71-19471 c18 N71-22894
	************	c18 N70-39897	NASA-CASE-XLE-03940	c18 N71-22894
NASA-CASE-XLE-00376	************	c28 N70-37245	NASA-CASE-XLE-03940-2	c17 N72-28536
NASA-CASE-XLE-00387	• • • • • • • • • • • • • • • • • • • •	c33 N70-34812	NASA-CASE-XLE-04026	c14 N71-23267
N101 GIOD D	••••••	c28 N70-34788	NASA-CASE-XLE-04222	c23 N71-23207
21 01 01 05 H 04	*************	c15 N70-36492	NASA-CASE-XLE-04250	c09 871-20446
	************	c28 N71-15658	WASA-CASE-XLE-04501	c09 N71-20446
NASA-CASE-XLE-00454	***********	c23 N71-17802	NASA-CASE-XLE-04503	c14 N71-24864
NASA-CASE-XLE-00455	************	c28 N70-38197	NASA-CASE-XLE-04526	c03 N71-11052
NASA-CASE-XLE-00490	******	c33 N70-34545	NASA-CASE-XLE-04535	c03 N71-11032
NASA-CASE-XLE-00503	*******	c14 N70-34818	NASA-CASE-XLE-04599	c22 N72-20597
NASA-CASE-XLE-00519	**********	c28 N70-41576	NASA-CASE-XLE-04603	c33 N71-21507
NASA-CASE-XLE-00586	***********	c15 N71-15968	NASA-CASE-XLE-04677	c15 N71-10577
NASA-CASE-XLE-00620		c32 N70-41579	NASA-CASE-XLE-04787	c03 N71-10377
NASA-CASE-XLE-00660	************	c28 N70-39925	NASA-CASE-XLE-04788	c09 N71-22987
	**********	c28 N70-41992	NASA-CASE-XLE-04857	c28 N71-23968
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NASA-CASE-XLE-04946	c15 N71-23810	NASA-CASE-XNF-01667	c15 N71-17647
NASA-CASE-XLE-05033		NASA-CASE-XMF-01669	c21 N71-23289
NASA-CASE-XLE-05079	c15 N71-17652	NASA-CASE-XNF-01730	c15 N71-23050
NASA-CASE-ILE-05130	c15 N69-21362	HADH CHEE REL	c11 N70-41677
NASA-CASE-XLE-05130-2	c15 N71-19570	41 E D. 14 T. 14 T	c12 N71-20815
NASA-CASE-XLE-05230	c14 N72-27410	NASA-CASE-XMF-01779	c28 N70-41582
NASA-CASE-XLE-05230-2	c14 N73-13417	NASA-CASE-IMF-01813	
NASA-CASE-XLE-05260	c14 N71-20429	NASA-CASE-XMF+01887	c15 N71-10617
NASA-CASE-XLB-05641-1	c15 N71-26346	NASA-CASE-XMF-01892	c10 N71-22986
NASA-CASE-XLE-05689	c28 N71-15659	NASA-CASE-XMF-01899	c31 N70-41948
NASA-CASE-XLE-05799	c22 N72-21644	NASA-CASE-XMP-01973	c31 N70-41588
NASA-CASE-XLE-05913	c33 N71-14032	NASA-CASE-XMP-01974	c14 N71-22752
NASA-CASE-XLE-06461	c17 N72-22530	NASA-CASE-XMF-02039	c15 N71-15871
NASA-GASE-XLE-06461-2	c17 N72-28535	NASA-CASE-XMF-02107	c15 N71-10809
WASA-GASE-XLE-06773	c15 N71-23817	NASA-CASE-IMF-02108	c31 N70-36845
	c06 N72-25150	NASA-CASE-KMF-02221	c18 N71-27170
NASA-CASE-XLE-06774-2	c17 N71-24142	NASA-CASE-XMF-02263	c02 N74-10907
NASA-CASE-XLE-06969	c06 N69-39889	NASA-CASE-YMF-02303	c17 N71-23828
NASA-CASE-XLE-07087	c18 N71-23710	NASA-CASE-XMF-02307	c14 N71-10779
NASA-CASE-XLE-08511		NASA-CASE-XMF-02330	c15 N71-23798
NASA-CASE-XLE-08511-2	c18 N71-16105	****	c32 N71-24285
NASA-CASE-XLE-08569	c03 N71-23449		c14 N71-10616
NASA-CASE-XLE-08569-2	c03 N71-24681		c06 N71-20905
NASA-CASE-XLE-08917	c15 N71-15597	NASA-CASE-XMF-02584	c17 N71-20743
NASA-CASE-XLE-08917-2	c15 N71-24836	NASA-CASE-XMF-02786	c14 N70-41994
NASA-CASE-XLE-09341	c12 N71-28741	NASA-CASE-XMF-02822	
NASA-CASE-XLE-09475-1	c33 N71-15568	NASA-CASE-XMF-02853	c31 N70-36654
NASA-CASE-XLE-09527	c15 N71-17688	NASA-CASE-XMF-02964	c14 N71-17659
NASA-CASE-XLE-09527-2	c15 N71-26189	NASA-CASE-XMF-02966	c10 N71-24863
NASA-CASE-XLE-10326-2	c15 N72-29488	NASA-CASE-XMF-03074	c06 N71-24740
NASA-CASE-XLE-10326-4	. c15 N74-15125	NASA-CASE-XMF-03169	c31 ¥71-15675
NASA-CASE-XLE-10337	c15 N71-24046	NASA-CASE-IMF-03198	c30 N70-40353
NASA-CASE-XLE-10453-2	c28 N73-27699	NASA-CASE-XMF-03212	c15 N71-22721
NASA-CASE-XLE-10466	c17 N69-25147	NASA-CASE-XMF-03248	c11 N71-10604
NASA-CASE-XLE-10529	c14 N69-23191	NASA-CASE-XMF-03287	c15 N71-15607
	c26 N71-23292	NASA-CASE-XMF-03290	c15 N7 1-23256
	c18 N71-29040	NASA-CASE-XMF-03498	c15 N71-15986
NASA-CASE-XLE-10910	c28 N71-20330	NASA-CASE-XMF-03511	c15 N71-22799
NASA-CASE-XLE-103477-1	C26 M71-20330	NASA-CASE-XMF-03793	c15 N71-24833
	c28 N70-38710	NASA-CASE-XMF-03844-1	C14 N71-26474
NASA-CASB-XMF-00148		NASA-CASE-XMF-03856	c31 N70-34159
NASA-CASE-XMF-00185	c21 N70-34539	NASA-CASE-XMF-03873	c06 N69-39733
NASA-CASE-XMF-00324	c09 N70~34596		c09 N71-22985
NASA-CASE-XMF-00339	c15 N70-39896	*	c14 N71-27186
NASA-CASE-XMF-00341	c15 N70-33323	NASA-CASE-XMF-03968	c15 N71-21403
NASA-CASE-XMF-00369	c09 N70-36494		c15 N71-23023
NASA-CASE-XMF-00375	c15 N70-34249	NASA-CASE-XMF-04042	c15 N69-27502
NASA-CASE-XMF-00389	C31 N70-34176	NASA-CASE-XMF-04132	
NASA-CASE-XMF-00392	c15 N70-34814	NASA-CASE-XMF-04133	c06 N71-20717
NASA-CASE-XMF-00411	c11 N70-36913	NASA-CASE-XMF-04134	c14 N71-23755
NASA-CASE-XMF-00421	c09 N70-34502	NASA-CASE-XMF-04163	c02 N71-23007
NASA-CASE-XMF-00424	c11 N70~38196	NASA-CASE-XEP-04208	c33 N71-29051
NASA-CASE-XMF-00437	c07 N70-40202	NASA-CASE-XMF-04237	c33 N71-16278
NASA-CASE-XMF-00442	c31 N71-10747	NASA-CASE-XMF-04238	c09 N69-39734
NASA-CASE-XMF-00447	c14 N70-33179	NASA-CASE-XMF-04367	c09 N71-23545
NASA-CASE-XMF-00456	c14 N70-34705	NASA-CASE-XEF-04415	c14 N71-24693
NASA-CASB-XMF-00462	c14 N70-34298	NASA-CASE-XMF-04680	c15 N71-19489
NASA-CASE-XMF-00479	c14 N70-34794	NASA-CASE-XMF-04709	c15 N71-15609
NASA-CASE-XMF-00480	c14 N70-39898	NASA-CASE-XMF-04958-1	c10 N71-26414
NASA-CASE-XMF-00515	c15 N70-34664	NASA-CASE-XNF-04966	c14 N71-17658
NASA-CASE-XMF-Q0517	c03 N70-34157	NASA-CASE-XMF-05046	c33 N71-28892
NASA-CASE-XMT-00580	c11 N70-35383	NASA-CASE-XMF-05114	c15 N71-17650
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	c12 N70-38997	NASA-CASE-XMF-05195	c10 N71-24861
NASA-CASE-XMF-00658	c08 N71-18752	NASA-CASE-XMF-05224	c14 N71-23726
	c21 N71-21688	NASA-CASE-XMF-05279	c18 N71-16124
NASA-CASE-XMF-00684	c09 N70-40272	NASA-CASE-XMF-05344	c31 N71-16345
	c15 N70-40204	NASA-CASE-XMF-05835	c08 N71-12504
NASA-CASE-XMF-00722	c09 N70-41655	NASA-CASE-XMF-05843	c03 N71-11055
NASA-CASE-XMF-00906	c14 N70-40238	NASA-CASE-XMF-05844	c14 N71-17587
NASA-CASE-XMF-00908		NASA-CASE-XMF-05941	c31 N71-23912
NASA-CASE-INF-00923	c28 N70-36802		c15 N71-29032
NASA-CASE-XMF-00968	c28 N71-15660	NASA-CASE-IMF-05999	c15 N71-29032
NASA-CASE-XMF-01016	c26 N71-17818		c07 N71-24612
NASA-CASE-IMF-01030	c18 N70-41583	NASA-CASE-XMF-06092	c06 N71-23230
NASA-CASE-XMF-01045	c15 N70-40354	NASA-CASE-XMF-06409	c14 N71-23227
NASA-CASE-XMF-01049	c15 N71-23049	NASA-CASE-XMF-06515	
NASA-CASE-KMF-01083	c15 N71-22723	NASA-CASE-XMF-06519	c09 N71-12519
NASA-CASE-XMF-01096	c10 N71-16030	NASA-CASE-XMP-06531	c14 N71-17575
NASA-CASE-KMF-01097	c10 N71-16058	NASA-CASE-XMF-06589	c05 N71-23159
NASA-CASE-XMF-01099	c14 N71-15969	NASA-CASE-XMF-06617	c09 N71-24843
NASA-CASE-XMF-01129	c09 N70-38712	NASA-CASE-XMP-06888	c15 x71-24044
NASA-CASE-XMF-01160	c07 N71-11298	NASA-CASE-XMF-06892	c09 N71-24805
NASA-CASE-XMF-01174	c02 N70-41589	NASA-CASE-XMF-06926	c28 N71-22983
NASA-CASE-XMF-01371	c15 N70-41829	NASA-CASE-XMF-07069	c15 N71-23815
NASA-CASE-XMF-01402	c18 N71-21651	NASA-CASE-XMF-07488	c11 N71-18773
NASA-CASE-XMF-01452	c15 N70-41371	NASA-CASE-XMP-07587	c15 N71-18701
NASA-CASE-XMF-01483	c14 N69-27431	NASA-CASE-XMF-07770-2	c18 N71-26772
NASA-CASE-XMF-01543	c31 N71-17730	NA5A-CASE-XMF-07808	c15 N71-23812
NASA-CASE-XMF-01544	c28 N70-34162	NASA-CASE-XMF-08217	c03 N71-23239
NASA-CASE-INF-01598	c21 N71-15583	NASA-CASE-XMF-08522	c15 N71-19486
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NASA-CASE-XMF-08523	c31 N71-20396	NASA-CASE-XMS-04533	c15 N71-23086
NASA-CASE-XMF-08651	c06 N71-11236	NASA-CASE-XHS-04545	c15 N71-22878
NASA-CASE-XMF-08652	c06 871-11243	WASA-CASE-WMS-04625	c05 N71-20718
NASA-CASE-XMF-08655	c06 N71-11239	NASA-CASE-XMS-04798	c11 N71-21474
NASA-CASE-XMF-08656	CO6 N71-11242	NASA-CASE-XMS-04826	c28 N71-28849
NASA-CASE-XMF-08665	c10 N71-19467	NASA-CASE-XMS-04843	c03 N69-21469
NASA-CASE-XMF-08674	c06 N71-28807	NASA-CASE-XHS-04890-1	c15 N70-22192
NASA-CASE-XMF-08804	c09 N71-24717	WASA-CASE-IMS-04917	c14 §69-24257
NASA-CASE-XMF-09386	c15 N69-21854	NASA-CASE-XMS-04919	c09 N71-23270
NASA-CASE-XMF-09422	с07 и71-19436	NASA-CASE-XMS-04935	c05 N71-11190
NASA-CASE-XMY-09902	c15 N72-11387	WASA-CASE-XMS-05303	CO7 N69-27462
NASA-CASE-XMF-10040	c15 N71-22877	NASA-CASE-XMS-05304	c05 N71-12336
NASA-CASE-XMF-10289	c14 N71-23699	NASA-CASE-XMS-05307	c09 W69-24330
NASA-CASE-IMF-10753	c06 N71-11237	WASA-CASE-XMS-05365	c14 N71-22993
NASA-CASE-XMF-10968	c14 N71-24234	NASA-CASE-IMS-05454-1	c07 N71~12391
NASA-CASE-XMF-14032	c20 N71-16340	WASA-CASE-XMS-05516	c15 N71-17803
NASA-CASE-XMI-14301	c09 W71-23188	• •	c09 N69-39986 c10 N71-19468
73.01 CARD WHE 55.050	-10 370 36100		c09 N71-23191
NASA-CASE-XUS-00259	c18 N70-36400 c17 N71-20941	NASA-CASE-XMS-05890 NASA-CASE-XMS-05894-1	c15 N69-21924
NASA-CASE-INS-00370	c33 N70-33344	NASA-CASE-XHS-05909-1	c14 N69-27459
NASA-CASE-XES-00583	c28 N70-38504	WASA-CASE-XMS-05936	c14 N70-41682
NASA-CASE-XMS-00764	c05 N71-12335	NASA-CASE-XMS-06056-1	c23 N71-24857
NASA-CASE-INS-00863	c05 N70-34857	MASA-CASE-YMS-06061	c05 N71-23317
MASA-CASE-XMS-00864	cQ5 N70-36493	NASA-CASE-XMS-Q6064	c05 N71-23096
NASA-CASE-XMS-00893	CO7 N70-40063	WASA-CASE-XMS-06162	c31 N71-28851
NASA-CASE-INS-00907	c02 1970-41630	NASA-CASE-XMS-06236	c14 N71-21007
NASA-CASE-XMS-00913	c10 N71-23543	NASA-CASE-XMS-06329-1	c15 N71-20441
NASA-CASE-XMS-00945	c09 N71-10798	NASA-CASE-IMS-06497	c14 N71-26244
NASA-CASE-INS-01108	c15 N69-24322	NASA-CASE-XMS-06740-1	c07 #71-26579
NASA-CASE-IMS-01115	c05 N70-39922	NASA-CASE-XBS-06761	c05 N69-23192
NASA-CASE-IMS-01177	c05 N71-19440	NASA-CASE-XMS-06767-1	c14 N71-20435
NASA-CASE-XMS-01240	c05 N70-35152	NASA-CASE-XMS-06782	c32 N71-15974
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NASA-CASE-XMS-01445	c12 N71-16031	NA5A-CASE-XM5-06949	c09 N69-21467
NASA-CASE-IMS-01492	c05 N70-41297	NASA-CASE-IMS-07168	c07 N71-11300
NASA-CASE-XMS-01546	c14 N70-40233	NASA-CASE-KMS-07487	c15 N71-23255
NASA-CASE-XMS-01554	c10 N71-10578	NASA-CASE-IMS-07846-1	c09 #69-21927
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NASA-CASE-XMS-02087	c09 N70-41717	NASA-CASE-KMS-10269	c05 871-24147
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	c14 \$71-22990 c05 \$71-12346	NASA-CASE-INP-00597	c18 N71-23088
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NASA-CASE-XMS-04390	c31 N70-41871	MASA-CASE-INP-00683	c09 N70-35425

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MASA-CASE-XMP-00708 MASA-CASE-XMP-00710			
Whet Chap	c14 N70-35394	WASA-CASE-XMP-03128	c10 H70-41991
	c15 #71-10778	BASA-CASE-XBP-03134	c07 #71-10676
Nigi cias			
	c28 #70-41447	MASA-CASE-MBP-03250	c06 #71-23500
NASA-CASE-YNP-00733	c06 #70-34946	NASA-CASE-IBP-03263	c09 #71-18843
NASA-CASE-INP-00738	c09 #70-38201	HASA-CASE-MNP-03282	c28 N72-20758
	c10 N71-28960		CO9 N71-10618
Wada dame was sense			
BASA-CA5B-XBP-00746	c07 #71-21476	HASA-CASE-XNP-03378	c03 N71-11051
BASA-CASE-XHP-00748	c07 N70-36911	HASA-CASE-XBP-03413	c03 N71-26726
Wicl-Cies was acted	c10 #71-19469		c15 N71-21078
W1.5. A.S			
NASA-CASE-INP-00816	c28 #71-28928	WASA-CASE-IMP-03459-2	c18 N71-15688
NASA-CASE-INP-00826	c03 N71-20895	NASA-CASE-INP-03578	c11 #71-23030
BASA-CASE-XNP-00840	c15 N70-38225	NASA-CASE-XEP-03623	c09 N73-28084
Name and an area	c28 #70-41311		c15 N71-21311
Wast stem was conse			
NASA-CASE-XHP-00911	c08 #70-41961	MASA-CASE-XMP-03692	c28 N71-24321
NASA-CASE-XNP-00920	c15 N71-15906	NASA-CASE-INP-03704	c15 N71-17695
NASA-CASE-XNP-00952	c10 #71-23271	WASA-CASE-XWP-03744	c10 N71-20448
Wice ored was added			c23 N71-15467
	c08 #71-28925	W	
MASA-CASE-INP-01020	c03 #71~12260	WASA-CASE-XNF-03835	c06 N71-23499
BASA-CASE-INP-01056	c14 N71-23041	HASA-CASE-XNP-03853	c23 W71-21882
WASA-CASE-XMP-01057	c07 N71-15907	WASA-CASE-WWP-03914	c21 871-10771
Nan		NOTE OF ANY AREA OF A STREET	
	c09 N71-12540	WASA-CASE-XWP-03916	
NASA-CASE-KNP-01059	c23 #71-21821	NASA-CASE-XMP-03918	c14 #71-23087
NASA-CASE-XNP-01068	c10 #71-28739	WASA-CASE-XNP-03930	C14 N69-24331
NASA-CASR-XNP-01104	c28 N70-39931	MASA-CASE-XMP-03972	c15 #71-23048
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NASA-CASE-ENP-01152	c15 N70-41811	NASA-CASE-XBP-04067	.c08 N71-22707
NASA-CASE-KNP-01153	c32 #71-17645	BASA-CASE-XFP-04111	c14 N71-15622
Wast dash was added	c26 N73-28710		C28 N71-21822
W101 0101 WW 04107			
NASA-CASE-XNP-01187	c15 H73-28516	WASA-CASE-XMP-04148	c17 N71-24830
MASA-CASE-XNP-01188	c15 H73-32361	MASA-CASE-XMP-04161	c14 971-15599
BASA-CASE-XNP-01193	c10 N71-16057	NASA-CASE-YNP-04162-1	c08 N70-34675
	c15 B71-26312		c25 #72-24753
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NASA-CASE-KNP-01472	c14 #70-41807		c09 N71-20851
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NASA-CASE-XNP-01951	CO9 B70-41929	DASA-CASE-XNP-05381	c09 171-20842
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NASA-CASE-XNP-01962 NASA-CASE-XNP-02029 NASA-CASE-XNP-02092 NASA-CASE-XNP-02139	c32 870-41370 c14 870-41955 c15 870-42033 c18 871-24184	### ##################################	c26 p71-21824 c33 p71-24876 c14 p73-32321 c14 p71-23040 c09 p69-21468 c15 p71-24834
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NASA-CASE-XNP-01962 NASA-CASE-XNP-02029 NASA-CASE-XNP-02092 NASA-CASE-XNP-02139	c32 870-41370 c14 870-41955 c15 870-42033 c18 871-24184	### ##################################	c26 p71-21824 c33 p71-24876 c14 p73-32321 c14 p71-23040 c09 p69-21468 c15 p71-24834
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US-PATENT-APPL-SN-107866	*******	c17 N70-36616	US-PATENT-APPL-SN-142719		c14 N73-14429
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		c15 x70-39896	US-PATENT-APPL-SN-144804		c14 N70-39898
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US-PATENT-APPL-SN-111998		c07 N72-32169	US-PATENT-APPL-SN-145027		c06 N73-32029
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US-PATENT-APPL-SN-112998	*******	c14 N73-12445			c33 N71-35153
US-PATENT-APPL-SN-112999	********	c23 N72-25619	US-PATENT-APPL-SN-146939		c05 N73-32014
US-PATENT-APPL-SN-114846		c14 N73-12444	US-PATENT-APPL-SN-146940	********	c14 N73-13417
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US-PATENT-APPL-SN-114873		c09 N73-28083	US-PATENT-APPL-SN-147940	* * * * * * * * * * * * * * * * * * * *	c14 N72-10375
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		c09 N72-25260	US-PATENT-APPL-SN-153266	********	c02 N70-38011
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US-PATENT-APPL-SN-120803	•••••	c23 N72-11568	US-PATENT-APPL-SN-154934		c02 N72-10033
US-PATENT-APPL-SN-121328	•••••		US-PATENT-APPL-SN-154935		c11 N72-27262
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US-PATENT-APPL-SN-124909	*******	c14 N73-16483	US-PATENT-APPL-SN-155595	••••••	c26 N73-28710
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US-PATENT-APPL-SN-127481	*******	c18 N71-34502	US-PATENT-APPL-SN-156778	*******	
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US-PATENT-APPL-SN-136255		c16 N72-10432	DS-PATENT-APPL-SN-169977		c14 N70-34794
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US-PATENT-APPL-SN-170680		c33 N74-15652 ·	US-PATENT-APPL-SN-196970		c15 N73-33383
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US-PATENT-APPL-SN-172459		c06 N73-16106	US-PATENT-APPL-SN-197548	*********	c09 N70-34502
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US-PATENT-APPL-SN-173081		c28 N70-36806	US-PATENT-APPL-SN-197553	********	C08 N70-34778
US-PATENT-APPL-SN-173185	*********	c23 N73-13660	US-PATENT-APPL-SN-197554	**********	c14 N70-35368
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US-PATENT-APPL-SN-175267		c14 N73-28486	US-PATENT-APPL-SN-198285	*******	c09 N73-13208
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		c16 N73-30476	US-PATENT-APPL-SN-198380	********	c31 N72-15781
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US-PATENT-APPL-SN-178215		c25 N70-34661	03-PAIENI-AFFI-3M-139202		C14 N/0-40239
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US-PATENT-APPL-SN-180381		c21 N70-35089	US-PATENT-APPL-SN-201782		c15 N73-19458
US-PATENT-APPL-SN-180382		c28 N70-38645	US-PATENT-APPL-SN-201782		c15 N73-19458
US-PATENT-APPL-SN-180384		c11 N70-38675	US-PATENT-APPL-SN-201904	********	
US-PATENT-APPL-SN-180391				*********	c15 N74-15128
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US-PATENT-APPL-SN-180394	********	c15 N70-38603	US-PATENT-APPL-SN-202029		c11 N70-34786
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US-PATENT-APPL-SN-180683		c10 N73-25241	US-PATENT-APPL-SN-203271		c04 N74-15778
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US-PATENT-APPL-SN-180963		c14 N73-27378	US-PATENT-APPL-SN-203409		c28 N70-38197
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US-PATENT-APPL-SN-181828		c02 N70-34858	US-PATENT-APPL-SN-205047		c15 N73-32360
US-PATENT-APPL-SN-181829		c31 N70-38010	US-PATENT-APPL-SN-205470		c08 N71-18752
US-PATENT-APPL-SN-182033		c33 N73-27796	US-PATENT-APPL-SN-205675		c14 N73-30386
US-PATENT-APPL-SN-182399		c07 N73-28013	US-PATENT-APPL-SN-206266	********	c24 N74-20329
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OS-PATENT-APPL-SN-182698		c15 N70-38620	US-PATENT-APPL-SN-207211		c07 N73-30113
US-PATEN1-APPL-SN-182699		c28 N70-38504	US-PATENT-APPL-SN-209478	********	c07 N70-38200
US-PATENT-APFL-SN-182977		c14 N74-13131	US-PATENT-APPL-SN-209479	*******	c15 N70-34850
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DS-PATENT-APPL-SN-183977		c28 N70-38505	US-PATENT-APPL-SN-209802	********	c09 N73-14215
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US-PATENT-APPL-SN-186700	*******	c09 N74-12912	US-PATENT-APPL-SN-212028	•••••	c09 N73-14214
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US-PATENT-APPL-SN-188594		c15 N70-34967	US-PATENT-APPL-SN-212496 US-PATENT-APPL-SN-212497		
US-PATENT-APPL-SN-188836		c14 N72-21432	US-PATENT-APPL-SN-212497	********	c11 N71-28779
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US-PATENT-APPL-SN-188928		c15 N74-13178		•••••	c07 N73-20176
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US-PATENT-APPL-SN-192803		c07 N73-22076	US-PATENT-APPL-SN-216939		c14 N70-40400
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US-PATENT-APPL-SN-193672		c05 N74-14845	US-PATENT-APPL-SN-219436	********	c15 N72-21489
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US-PATENT-APPL-SN-644799		c17 N71-15468	DS-PATENT-APPL-SN-677505	••••••	c09 N71-13521
US-PATENT-APPL-SN-644799 US-PATENT-APPL-SN-645563		c31 N71-20396	US-PATENT-APPL-SN-677506	*********	c16 N71-15567
US-PATENT-APPL-SN-645573		c24 N71-25555	US-PATENT-APPL-SN-677508		c16 N71-15551
US-PATENT-APPL-SN-645584		c08 N71-12494	US-PATENT-APPL-SN-678700		c05 N71-19439
US-PATENT-APPL-SN-646124		c15 N71-23817	US-PATENT-APPL-SN-679055		c08 N71-24633
US-PATENT-APPL-SN-646424		c07 N69-27460	US-PATENT-APPL-SN-679862		C20 N71-16340
US-PATENT-APPL-SN-646934		c08 N71-18692	US-PATENT-APPL-SN-679885		c09 N71-12521
US-PATENT-APPL-SN-647298		c31 N71-16102	US-PATENT-APPL-SN-681687	••••	c03 N71-20273
US-PATENT-APPL-SN-649075		c14 N71-15600	US-PATENT-APPL-SN-681692	********	c08 N71-12506
US-PATENT-APPL-SN-649076	• • • • • • • •	c08 N71-24890	US-PATENT-APPL-SN-681693	****	c09 N71-18598
US-PATENT-APPL-SN-649078	• • • • • • • • • • • • • • • • • • • •	c07 N71-19493	US-PATENT-APPL-SN-681942	• • • • • • • • • • • • • • • • • • • •	c18 N71-15688
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US-PATENT-APPL-SN-650166		c09 N71-23491	US-PATENT-APPL-SN-684178	*********	c15 N71-23812
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US-PATENT-APPL-SN-684209		c10 N71-19418	US-PATENT-APPL-SN-711903		c18 N71-26772
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US-PATENT-APPL-SN-685463		c15 N71-23254	US-PATENT-APPL-SN-711970	• • • • • • • • • • • • • • • • • • • •	c09 N71-18830
US-PATENT-APPL-SN-685473	*******	c17 N71-16044	US-PATENT-APPL-SN-711971	*********	c09 N71-23598
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DS-PATENT-APPL-SN-685750		c27 N71-16392	US-PATENT-APPL-SN-712099		c23 N71-24868
OS-PATENT-APPL-SN-685764		c14 N69-27459	US-PATENT-APPL-SN-712658	********	c07 N71-19773
US-PAIENT-APPL-SN-685766		c15 N69-21924	US-PATENT-APPL-SN-713162	********	c06 N71-26754
DS-PATENT-APPL-SN-685787	• • • • • • • • •	c14 N71-18625 c15 N71-23809	US-PATENT-APPL-SN-713188	•••••	c08 N71-33110
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US-PATENT-APPL-SN-686296		c18 N71-14014	US-PATENT-APPL-SN-714595	*********	c15 N71-17822
US-PATENT-APPL-SN-686344		c15 N71-17688	US-PATENT-APPL-SN-715975	********	c06 N71-11240
US-PATENT-APPL-SN-686796		c15 N70-33311	US-PATENT-APPL-SN-716183		c15 N71-18132
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US-PATENT-APPL-SN-088742	,	c15 N71-20393	US-PATENT-APPL-SN-717052		c14 N71-17626
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US-PAIENT-APPL-SN-688868		c15 N71-17686	US-PATENT-APPL-SN-718279	********	c15 N71-26312
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US-PATENT-APPL-SN-690997		c16 N71-24828	US-PATENT-APPL-SN-718769	*********	c14 N71-17662
US-PATENT-APPL-SN-690990		c30 N71-15990	US-PATENT-APPL-SN-719029		c14 N71-27186
US-PATENT-APPL-SN-691735		c09 N71-12520	US-PATENT-APPL-SN-719173		c28 N70-33331
US-PATENT-APPL-SN-691736 US-PATENT-APPL-SN-691737		c18 N71-16210 c07 N71-24742	US-PATENT-APPL-SN-719869 US-PATENT-APPL-SN-719870	*********	c31 N71-15676
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US-PATENT-APPL-SN-691739		c32 N71-15974	US-PATENT-APPL-SN-720125	*********	c09 N71-12539
US-PATENT-APPL-SN-691909		c05 N71-24606	US-PATENT-APPL-SN-720546	*******	c18 N72-17532
US-PATENT-APPL-SN-692331	******	c10 N71-26326	US-PATENT-APPL-SN-721607	• • • • • • • • • •	c18 N71-25881
US-PATENT-APPL-SN-692332 US-PATENT-APPL-SN-692471		c07 N71-11281 c09 N71-12518	US-PATENT-APPL-SN-723465 US-PATENT-APPL-SN-723465		c15 N72-29488 c15 N74-15125
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US-PATENT-APPL-SN-693420	******	c31 N71-16080	US-PATENT-APPL-SN-723488		c09 N71-28691
US-PATENT-APPL-SN-694246		c15 N71-26673	US-PATENT-APPL-SN-723804	• • • • • • • • • • •	c09 N71-24806
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US-PATENT-APPL-SN-694317 US-PATENT-APPL-SN-694340		c12 N71-20436 c11 N71-17600	US-PATENT-APPL-SN-723827 US-PATENT-APPL-SN-724551		c10 N71-27137 c15 N71-17696
US-PATENT-APPL-SN-694345		c10 N71-23669	US-PATENT-APPL-SN-725405		c15 N71-26134
US-PATENT-APPL-SN-695973		c05 N71-12343	US-PATENT-APPL-SN-725432	*******	c07 N71-24622
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US-PATENT-APPL-SN-700586		c15 N71-19570	US-PATENT-APPL-SN-730702	• • • • • • • • • •	c33 N71-16356
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US-PATENT-APPL-SN-700986		c15 N69-23190 c12 N71-26387	US-PATENT-APPL-SN-730733 US-PATENT-APPL-SN-730734		c28 N71-16224
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US-PATENT-APPL-SN-701244		c05 N72-20096	US-PATENT-APPL-SN-732455		C22 N71-28759
US-PATENT-APPL-SN-701635 US-PATENT-APPL-SN-701654	*******	c12 N71-17578	US-PATENT-APPL-SN-732917	********	c14 N71-17575
US-PATENT-APPL-SN-701679		c03 N71-11049 c02 N71-19287	US-PATENT-APPL-SN-732921 US-PATENT-APPL-SN-732922		c10 N71-26544 c17 N71-28747
US-PATENT-APPL-SN-701679		c07 N73-20174	US-PATENT-APPL-SN-733039		c07 N72-12081
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US-PATENT-APPL-SN-701733	********	c10 N71-24844	US-PATENT-APPL-SN-735911		c14 N70-41946
US-PATENT-APPL-SN-701744 US-PATENT-APPL-SN-701767		c21 N71-13958 c07 N71-26101	US-PATENT-APPL-SN-736848 US-PATENT-APPL-SN-738119	********	c23 N71-16212
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US-PATENT-APPL-SN-704239	*********	c10 N71-26577 c05 N71-11202	US-PATENT-APPL-SN-739927 US-PATENT-APPL-SN-741461		c32 N71-16103 c12 N71-18603
US-PATENT-APPL-SN-704446		c10 N71-33407	US-PATENT-APPL-SN-741824		c07 N71-12389
US-PATENT-APPL-SN-704465		c07 N71-24741	US-PATENT-APPL-SN-742816		c14 N7.1-17656
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US-PATENT-APPL-SN-707440	********	c14 N71-17587 c06 N73-30102	US-PATENT-APPL-SN-744910 US-PATENT-APPL-SN-745337		c15 N71-17649 c28 N72-20758
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US-PATENT-APPL-SN-709398	••••••	c06 N71-13461	US-PATENT-APPL-SN-749121		c07 N72-11149
US-PATENT-APPL-SN-709399 US-PATENT-APPL-SN-709622	• • • • • • • • •	c16 N71-26154	US-PATENT-APPL-SN-749148	*********	c10 N71-19421
US-PATENT-APPL-SN-710533	********	c33 N71-24858 c02 N71-11043	US-PATENT-APPL-SN-749149 US-PATENT-APPL-SN-749181		c15 N71-24897 c09 N71-24803
US-PATENT-APPL-SN-710561		c09 N71-12517	US-PATENT-APPL-SN-749320	********	c14 N72-22443
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US-PATENT-APPL-SN-710949		c33 N71-15568 c12 N71-17631	US-PATENT-APPL-SN-750786 US-PATENT-APPL-SN-750787		c07 N71-27341 c10 N71-27126
US-PATENT-APPL-SN-711898	*********	c18 N71-24934	US-PATENT-APPL-SN-750787	*********	c18 N71-27126

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US-PATENT-APPL-SN-751266		.c15 N71-33518	US-PATENT-APPL-SN-774733		c14 N72-24477
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US-PATENT-APPL-SN-753974		c16 N71-33410	US-PATENT-APPL-SN-775877		c02 N71-11039
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US-PATENT-APPL-SN-754020			US-PATENT-APPL-SN-776185		c03 N72-22041
	********	c12 N71-27332		• • • • • • • • •	
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US-PATENT-APPL-SN-756511		c09 N71-27016	US-PATENT-APPL-SN-777818		c09 N71-27364
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US-PATENT-APPL-SN-757625		.c09 N71-26701.	US-PATENT-APPL-SN-779025		c09 N72-23171
US-PATENT-APPL-SN-757857		c10 N71-25900	US-PATENT-APPL-SN-779160		c14 N72-16282
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US-PATENT-APPL-SN-759460	*********	c09 N71-24597	US-PATENT-APPL-SN-783375		c07 N71-24621
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US-PATENT-APPL-SN-764812		c10 N71-19468	US-PATENT-APPL-SN-791267		c23 N72-17747
US-PATENT-APPL-SN-765123				• • • • • • • • • • • • • • • • • • • •	c33 N72-17747
		c31 N71-15687	US-PATENT-APPL-SN-791268 US-PATENT-APPL-SN-791288		
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US-PATENT-APPL-SN-765738	********	c03 N71-11057	US-PATENT-APPL-SN-791364	• • • • • • • • • • • • • • • • • • • •	c14 N72-17328
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US-PATENT-APPL-SN-766244	• • • • • • • • •	c15 N71-26721	US-PATENT-APPL-SN-791888		c23 N71-24725
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US-PATENT-APPL-SN-801336		c02 N71-13422	US-PATENT-APPL-SN-837378		c15	N71-24865
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		c07 N71-24613	US-PATENT-APPL-SN-840870			¥71-26189
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US-PATENT-APPL-SN-808193	********	c31 N71-26537	US-PATENT-APPL-SN-842171	********	c11	N70-33329
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		C08 N72-11171				
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US-PATENT-APPL-SN-835152	*******	c15 N70-33264	US-PATENT-APPL-SN-862921	*******		N71-29050
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US-PATENT-APPL-SN-864020		c15 N72-17454 I		•
US-PATENT-APPL-SN-864039	*********	c15 N72-22483	US-PATENT-CLASS-1	c14 N71-27005
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US-PATENT-APPL-SN-865106		C09 N72-22202	US-PATENT-CLASS-2-2.1	c05 N71-12335
US-PATENT-APPL-SN-865109		c14 N71-28933	US-PATENT-CLASS-2-2.1	c05 N71-12344
US-PATENT-APPL-SN-865274		c09 N72-17155	US-PATENT-CLASS-2-2.1	c05 N71-23161
US-PATENT-APPL-SN-865298		c15 ¥72-11388	US-PATENT-CLASS-2-2.1	c05 N71-24623
US-PATENT-APPL-SN-865329		c15 N71-29132	US-PATENT-CLASS-2-2.1	c05 N71-24730
US-PATENT-APPL-SN-865811		c09 N71-27053	US-PATENT-CLASS-2-2-1	c05 N72-20096
US-PATENT-APPL-SN-865909		c14 N72-11364	US-PATENT-CLASS-2-2.1	c05 N72-20098
US-PATENT-APPL-SN-866442		C25 N72-24753	US-PATENT-CLASS-2-2.1	c05 N72-25119 c05 N73-26071
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US-PATENT-APPL-SD-867842	********	c23 #72-27728	US-PATENT-CLASS-2-2.1A	c05 N73-25125
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US-PATENT-APPL-SN-867851 US-PATENT-APPL-SN-868445		c15 N72-22484 c14 N72-17323	US-PATENT-CLASS-2-6	c05 N71-26333
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US-PATENT-APPL-SN-868530		c05 N72-11084	US-PATENT-CLASS-2-81	c18 N71-26285
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US-PATENT-APPL-SN-869260		c05 N72-20097	US-PATENT-CLASS-2-275	c18 N71-26285
US-PATENT-APPL-SN-869260		c05 N73-25125	OS-PATENT-CLASS-3-1.1	c05 N73-32013
US-PATENT-APPL-SN-870689		c06 N72-25148	US-PATENT-CLASS-3-2	c05 N73-32013
US-PATENT-APPL-SN-872602		c09 N72-22200	US-PATENT-CLASS-3-6	c05 N73-32013
US-PATENT-APPL-SN-872664		c08 N70-34675	US-PATENT-CLASS-3-12	c05 N73-32013
US-PATENT-APPL-SN-873045		c14 N72~20379	US-PATENT-CLASS-4-10	c05 N74-20725
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US-PATENT-APPL-SN-874733		c15 N71-26635	US-PATENT-CLASS-8-94.12	c18 N71-15545
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US-PATENT-APPL-SN-876588		c15 N72-25452	US-PATENT-CLASS-9-8	c03 N70-36778
US-PATENT-APPL-SN-877717		c14 N72-27410	US-PATENT-CLASS-9-9	c15 N71-24600
DS-PATENT-APPL-SH-877717		c14 N73-13417	US-PATENT-CLASS-9-11	c05 N70-34857
US-PATENT-APPL-SN-877990		c14 N72-28437	US-PATENT-CLASS-9-11A	c02 N73-26006
US-PATENT-APPL-SN-878730	******	c08 N72-22164	US-PATENT-CLASS-9-11A	c05 N74-14845
OS-PATENT-APPL-SN-878731	*******	c15 N71-26162	US-PATENT-CLASS-9-312	c05 N71-22748 c05 N70-36493
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US-PATENT-APPL-SN-880247		c09 N70-20737 c07 N72-11150	US-PATENT-CLASS-13-20 US-PATENT-CLASS-13-26	c33 N71-15625
US-PATENT-APPL-SN-880248 US-PATENT-APPL-SN-880249		c15 N72-22482	US-PATENT-CLASS-13-26	c14 N71-23267
US-PATENT-APPL-SN-880250		c03 N72-20032	US-PATENT-CLASS-13-31	c11 N72-23215
US-PATENT-APPL-SN-880271		c15 N72-25448	US-PATENT-CLASS-13-35	c33 N71-24145
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US-PATENT-APPL-SN-880398		c15 N73-12487	US-PATENT-CLASS-15-210	c15 N72-11390
US-PATENT-APPL-SN-880831		c11 N72-20244	US-PATENT-CLASS-15-415	c14 N73-30395
US-PATENT-APPL-SN-880885		c07 N72-12080	US-PATENT-CLASS-18-6	c15 N71-26721
US-PATENT-APPL-SE-881039	*******	c09 N71-24842	US-PATENT-CLASS-18-26	c06 N71-22975
US-PATENT-APPL-SN-881041	********	c09 N72-22204	US-PATENT-CLASS-18-39	c27 N70~34783
US-PATENT-APPL-SN-882122		c14 N72-22438	US-PATENT-CLASS-21-207	c17 N71-16393 c15 N71-15966
US-PATENT-APPL-SN-882577		c07 x71-27056 c09 x72-33204	US-PATENT-CLASS-22-200	c17 N70-38198
US-PATENT-APPL-SN-883523		C09 N72-33204	US-PATENT-CLASS-23-55	c06 N72-17093
US-PATENT-APPL-SN-883524 US-PATENT-APPL-SN-885521		c03 N72-28025	US-PATENT-CLASS-23-88	c06 N72-17093
US-PATENT-APPL-SN-885571		c09 R71-28886	US-PATENT-CLASS-23-97	c06 N72-17093
US-PATENT-APPL-SN-885594		c15 N71-29133	US-PATENT-CLASS-23-109	c04 872-33072
US-PATENT-APPL-SN-887685		c10 N72-20223	OS-PATENT-CLASS-23-201	c06 N72-17095
US-PATENT-APPL-SN-887698		c09 N72-17153	US-PATENT-CLASS-23-208	c15 N69-21922
OS-PATENT-APPL-SN-887699		c15 N72-17452	US-PATENT-CLASS-23-208	c26 N70-36805
US-PATENT-APPL-5N-887700		c07 N71-28980	US-PATENT-CLASS-23-209.1	c15 x72-20446
US-PATENT-APPL-SN-887701		c08 N71-29034	US-PATENT-CLASS-23-230	c06 N71-23527
US-PATENT-APPL-SN-889374		COS N72-25207	US-PATENT-CLASS-23-230	c06 N72-17095 c06 N72-17094
US-PATENT-APPL-SN-889375	********	c10 N72-20222	US-PATENT-CLASS-23-230R	c17 N73-12547
US-PATENT-APPL-SN-889376	********	c18 x71-26285 c09 x71-29035	US-PATENT-CLASS-23-230R	C17 N73-12547
US-PATENT-APPL-SN-889387	********	c14 N72-25413	US-PATENT-CLASS-23-232C	c06 N72-17094
US-PATENT-APPL-SN-889420 US-PATENT-APPL-SN-889422		c09 N72-25259	US-PATENT-CLASS-23-232E	c06 N73-16106
US-PATENT-APPL-SN-889423	*********	c10 N72-23239	US-PATENT-CLASS-23-232R ·····	c06 N73-16106
US-PATENT-APPL-SN-889437		c15 N72-11392	US-PATENT-CLASS-23-252k	c06 N74-12813
US-PATENT-APPL-SN-889438		c15 N72-18477	US-PATENT-CLASS-23-253	c23 N71-16355
US-PATENT-APPL-SN-889478		C08 N71-29138	US-PATENT-CLASS-23-253	c06 N71-26754
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US-PATENT-APPL-SN-889556		c14 x72-18411 c11 x72-17183	US-PATENT-CLASS-23-254	c14 N71-20442 c06 N73-16106
US-PATENT-APPL-SN-889557	••••••	c15 N72-22491	US-PATENT-CLASS-23-254B	c06 N73-16106
US-PATENT-APPL-SN-889558 US-PATENT-APPL-SN-889583		c15 N72-21464	US-PATENT-CLASS-23-259	c15 N71-27372
US-PATENT-APPL-SN-889584		G08 N72-31226	US-PATENT-CLASS-23-259	c15 N72-21465
US-PATENT-APPL-SN-889682		c15 N72-25447	US-PATENT-CLASS-23-259	c15 N74-18123
			US-PATENT-CLASS-23-277	c26 #70-40015
US-PATENT-CLASS-D71-1		CO2 N74-10907	US-PATERT-CLASS-23-281	c28 N72-18766
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US-PATENT-CLASS-23-288	c28 N72-18766	US-PATENT-CLASS-29-572	c14 N73-13417
US-PATENT-CLASS-23-288F	c06 N74-12813 c06 N74-12813	US-PATENT-CLASS-29-578	c26 N72-17820
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US-PATENT-CLASS-24-126 US-PATENT-CLASS-24-134R	c15 N73-25512	US-PATENT-CLASS-29-588	c14 N71-27334
US-PATENT-CLASS-24-205.17	c15 N71-25975	US-PATENT-CLASS-29-588	c14 N72-31446 c03 N74-14784
US-PATENT-CLASS-24-211	c15 N71-17653	US-PATENT-CLASS-29-589	c26 N72-17820
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US-PATENT-CLASS-29-25.14	c05 N72-25121	US-PATENT-CLASS-29-599	c26 N73-26752
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US-PATENT-CLASS-29-25.18	c26 N72-28762	US-PATENT-CLASS-29-603	c08 N71-27210
US-PATENT-CLASS-29-25.42 US-PATENT-CLASS-29-148.4	c15 N71-16052	US-PATENT-CLASS-29-624	c15 N72-20444
US-PATENT-CLASS-29-148-4	c15 N71-17688	US-PATENT-CLASS-29-624	c14 N73-13417 c15 N72-22491
US-PATENT-CLASS-29-148-4A	c15 N74-15128	US-PATENT-CLASS-29-628	c09 N72-25261
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US-PATENT-CLASS-29-157	c28 N70-41818	US-PATENT-CLASS-29-630	c09 N73-28083
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US-PATENT-CLASS-29-182-2	c17 N72-28536	US-PATENT-CLASS-32-58	c05 N73-27062
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US-PATENT-CLASS-29-234	c15 N70-36901	US-PATENT-CLASS-33-75R	c14 N72-20436
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US-PATENI-CLASS-29-412	c15 N72-20444	OS-PATENT-CLASS-33-174	c14 N69-21363 c14 N71-17658
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US-PATENT-CLASS-29-472.9	c15 N69-39786 c26 N71-16037	US-PATENT-CLASS-35-8	c14 N71-15621
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US-PATENT-CLASS-29-488	c15 N70-33311	US-PATENT-CLASS-35-12	c11 N71-21474 c14 N73-27377
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US-PATENT-CLASS-29-497	c09 N72-25261	US-PATENT-CLASS-35-35A	c14 N70-35394
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US-PATENT-CLASS-29-527.2	c15 N72-20444	US-PATENT-CLASS-52-DIG.10	c18 N72-25541 c15 N72-28496
US-PATENT-CLASS-29-527.2	c15 N73-32360	US-PATENT-CLASS-52-1	c32 N71-21045
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		5-376	

US-PATENT-CLASS-52-80	c18 N72-25541	US-PATENT-CLASS-60-35,54	c28 N71-29153
US-PATENT-CLASS-52-80	c31 N73-32749	US-PATENT-CLASS-60-35.55	c28 N70-34162
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US-PATENT-CLASS-52-573	c15 N72=28496	US-PATENT-CLASS-60-39.47	c27 N71-16392 c28 N70-38199
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US-PATENT-CLASS-53-22 US-PATENT-CLASS-53-22A	C15 N71-23256 C15 N73-27405	US-PATENT-CLASS-60-39.66	c23 N73-30665
US-PATENT-CLASS-53-102	c15 N71-21528	US-PATENT-CLASS-60-39.72	c23 N73-30665
US-PATENT-CLASS-53-112A	c15 N73-27405	US-PATENT-CLASS-60-39.74	c28 N70-33241
US-PATENT-CLASS-55-16	c06 N72-31140	US-PATENT-CLASS-60-39.74	c28 N72-17843 c15 N72-25455
US-PATENT-CLASS-55-35	c05 N70-41297 c06 N72-31140	US-PATENT-CLASS-60-39.74A	c23 N73-30665
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US-PATENT-CLASS-55-158	c18 N71-20742	US-PATENT-CLASS-60-51	c15 N71-27754
US-PATENT-CLASS-55-160	c15 N71-15968	US-PATENT-CLASS-60-54.5	c15 N71-10658
US-PATENT-CLASS-55-179 US-PATENT-CLASS-55-204	c14 N71-17588 c15 N71-23023	US-PATENT-CLASS-60-97	c03 N71-12260 c33 N71-16104
US-PATENT-CLASS-55-208	c14 N71-18483	OS-PATENT-CLASS-60-200	c28 N71-14044
US-PATENT-CLASS-55-306	c28 N70-34788	US-PATENT-CLASS-60-200A	c33 N72+25911
US-PATENT-CLASS-55-400	c11 N71-10777	US-PATENT-CLASS-60-200A	c33 N73-25952
US-PATENT-CLASS-55-408	c15 N70-40062 c15 N71-22721	US-PATENT-CLASS-60-202	c28 N70-41922 c28 N71-10574
US-PATENT-CLASS-55-418 US-PATENT-CLASS-55-446	c15 N72+22489	US-PATENT-CLASS-60-202	c25 N71-21694
US-PATENT-CLASS-55-464	- c15 N72-22489	US-PATENT-CLASS-60-202	c28 N71-21822
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US-PATENT-CLASS-55-498	c14 N72-23457	US-PATENT-CLASS-60-202	c28 N71-23293 c28 N71-25213
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US-PATENT-CLASS-55-518	c06 N74-12813	US-PATENT-CLASS-60-202	c28 N71-26642
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US-PATENT-CLASS-60-35.5	c28 N70-33356	US-PATENT-CLASS-60-243	c15 N71-27432
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US-PATENT-CLASS-60-35.5	c25 N70-36946	US-PATENT-CLASS-60-254	c28 N73-24784
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US-PATENT-CLASS-60-35-6	c28 N70-38249	US-PATENT-CLASS-60-265	c33 N72-25911
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US-PATENT-CLASS-60-35.6	c28 N70-39899	US-PATENT-CLASS-60-267	c33 N71-29053
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US-PATENT-CLASS-60-35.54	c28 N70-38645	US-PATENI-CLASS-62-6	c15 N69-23190

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US-PATENT-CLASS-62-6
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                                                                 US-PATENT-CLASS-73-15R
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                                          c15 N71-23025
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US-PATENT-CLASS-62-7
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                                              N73-12486
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                                                                 US-PATENT-CLASS-73-17
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US-PATENT-CLASS-62-15
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US-PATENT-CLASS-62-40
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                                              N70-33323
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US-PATENT-CLASS-62-45
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US-PATENT-CLASS-62-45
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US-PATENT-CLASS-62-45
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US-PATENT-CLASS-62-45
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US-PATENT-CLASS-62-45
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                                                                                                           c06 N69-39733
                                              N74-15093
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US-PATENT-CLASS-62-45
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US-PATENT-CLASS-62-50
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US-PATENT-CLASS-62-51
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US-PATENT-CLASS-62-55.5
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US-PATENT-CLASS-62-55.5
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US-PATENT-CLASS-62-56
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US-PATENT-CLASS-62-80
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US-PATENT-CLASS-62-85
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US-PATENT-CLASS-62-89
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                                                                 US-PATENT-CLASS-73-40.7
US-PATENT-CLASS-62-93
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                                              N69-21465
                                                                                                           c14 N71-28992
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US-PATENT-CLASS-62-93
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US-PATENT-CLASS-62-176
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                                          c05
US-PATENT-CLASS-62-207
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US-PATENT-CLASS-62-259
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                                              N73-20137
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                                                                                                           c15 N71-29132
                                          c05
                                              N73-26071
US-PATENT-CLASS-62-259
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US-PATENT-CLASS-62-268
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US-PATENT-CLASS-62-384
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                                              N71-24725
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US-PATENT-CLASS-62-467
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                                              N70-37979
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US-PATENT-CLASS-62-467
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US-PATENT-CLASS-62-467
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                                              N72-11084
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US-PATENT-CLASS-62-467
                                          cJ3
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US-PATENT-CLASS-62-467
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                                          c23
US-PATENT-CLASS-62-475
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US-PATENT-CLASS-62-514
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                                          c15
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                                                                                                           c23 N74-15395
US-PATENT-CLASS-64-18
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US-PATENT-CLASS-64-27
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US-PATENT-CLASS-64-28
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                                              N74~21063
US-PATENT-CLASS-65-DIG.11 .....
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US-PATENT-CLASS-65-7
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US-PATENT-CLASS-72-34
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HS-PATENT-CLASS-72-53
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US-PATENT-CLASS-72-53
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                                              N73-32360
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US-PATENT-CLASS-72-56
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US-PATENT-CLASS-72-56
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US-PATENT-CLASS-72-56
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US-PATENT-CLASS-72-56
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US-PATENT-CLASS-72-60
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US-PATENT-CLASS-72-83
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US-PATENT-CLASS-72-253
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US-PATENT-CLASS-72-258
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                                          c15 N72-12408
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US-PATENT-CLASS-72-307
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US-PATENT-CLASS-72-354
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US-PATENT-CLASS-72-364
                                          c15 N71-18579
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BS-PATENT-CLASS-72-369
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US-PATENT-CLASS-72-447
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US-PATENT-CLASS-72-467
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US-PATENT-CLASS-72-476
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US-PATENT-CLASS-73-1 ......
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DS-PATENT-CLASS-73-1
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                                          C09
                                              N71-22988
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US-PATENT-CLASS-73-1DV
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US-PATENT-CLASS-73-1F
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                                              N74-21019
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US-PATENT-CLASS-73-4
                                          c14 N71-23036
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US-PATENT-CLASS-73-4
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US-PATENT-CLASS-73-4R
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US-PATENT-CLASS-73-4V
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US-PATENT-CLASS-73-12
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US-PATENT-CLASS-73-15.4
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US-PATENT-CLASS-73-15.6
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US-PATENT-CLASS-73-116	c11 N70-34844	US-PATENT-CLASS-73-304C	c14 N71-29134
US-PATENT-CLASS-73-116	c14 N70-40203	US-PATENT-CLASS-73-339	c33 N73-27796
US-PATENT-CLASS-73-116	c11 N70-41677	US-PATENT-CLASS-73-341	c14 N71-15598
US-PATENT-CLASS-73-116	c11 N71-10604	US-PATENT-CLASS-73-343	c33 N71-16356
US-PATENT-CLASS-73-116	c31 N71-15643	US-PATENT-CLASS-73-343	c11 N71-21475
US-PATENT-CLASS-73-117	c14 N71-22965	US-PATENT-CLASS-73-355	c14 N71-27323
US-PATENT-CLASS-73-117-1	c11 N72-27262	US-PATENT-CLASS-73-355	c14 N72-28437
US-PATENT-CLASS-73-117.4	c14 N71-20429	US-PATENT-CLASS-73-355R	c14 N72-24477
US-PATENT-CLASS-73-117.4	c28 N71-27094	US-PATENT-CLASS-73-379	c05 N73-27941
US-PATENT-CLASS-73-133	c14 N71-23725	US-PATENT-CLASS-73-379	c05 N73-30078
OS-PATENT-CLASS-73-133	c15 N72-22482	US-PATENT-CLASS-73-382	c10 N71-13537
US-PATENT-CLASS-73-134	c14 N70-40201	US-PATENT-CLASS-73-382	c14 N71-17587
OS-PATENT-CLASS-73-136	c14 N70-34818	US-PATENT-CLASS-73-384	c15 N70-37925
US-PATENT-CLASS-73-136R	c15 N72-26371	US-PATENT-CLASS-73-389	c12 N71-24692
US-PATENT-CLASS-73-140	c11 N72-25288	US-PATENT-CLASS-73-398	c14 N70-34816 c14 N71-21072
US-PATENT-CLASS-73-141	c14 N70-41957	US-PATENT-CLASS-73-398	c09 N71-24597
US-PATENT-CLASS-73-141	c15 K71-20441	US-PATENT-CLASS-73-398	c14 N73-30394
US-PATENT-CLASS-73-141	c14 N71-23790	US-PATRNT-CLASS-73-398	c14 N72-22438
US-PATENT-CLASS-73-141	c26 N71-25490	US-PATENT-CLASS-73-398C	c14 N71-23093
US-PATENT-CLASS-73-141A	c14 N72-21405	US-PATENT-CLASS-73~400	c14 N71-24232
US-PATENT-CLASS-73-141A	c14 N72-22437	US-PATENT-CLASS-73-400 US-PATENT-CLASS-73-401	c14 N70-34820
US-PATENT-CLASS-73-141AB	c14 N72-33377	US-PATENT-CLASS-73-419	c14 N71-22752
US-PATENT-CLASS-73-142	c15 N70-40180	US-PATENT-CLASS-73-420	c14 N74-13132
US-PATENT-CLASS-73-142		US-PATENT-CLASS-73-421-5	c14 N73-12444
US-PATENT-CLASS-73-144	c15 N71-22878 c11 N70-33287	US-PATENT-CLASS-73-421-5R	c13 N72-25323
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US-PATENT-CLASS-73-147 US-PATENT-CLASS-73-147	c14 N70-33366 c14 N70-34813	US-PATENT-CLASS-73-421.5R	c05 N74-20728
US-PATENT-CLASS-73-147	c11 N70-36913	US-PATENT-CLASS-73-422	c14 N71-20435
US-PATENT-CLASS-73-147	C14 N70-40400	US-PATENT-CLASS-73-422GC	c13 N72-25323
US-PATENT-CLASS-73-147	c14 N70-41366	US-PATENT-CLASS-73-422TC	c13 N72-25323
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US-PATENT-CLASS-73-147	c12 N71-20436	US-PATENT-CLASS-73-432	c11 N70-38675
OS-PATENT-CLASS-73-147	c09 N71-20816	US-PATENT-CLASS-73-432	c05 N70-42000
US-PATENT-CLASS-73-147	c11 N71-21481	US-PATENT-CLASS-73-432	c31 N71-16221
DS-PATENT-CLASS-73-147	c11 N71-23030	US-PATENT-CLASS-73-432	c27 N71-16223
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US-PATENT-CLASS-73-147	c11 N72-17183	US-PATENT-CLASS-73-432	c11 N71-28629
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US-PATENT-CLASS-73-147	c14 N73-13415	US-PATENT-CLASS-73-432R	c14 N73-28487 c11 N72-27262
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US-PATENT-CLASS-73-149	c14 N72-11363	US-PATENT-CLASS-73-497	c14 N74-15094
US-PATENT-CLASS-73-149	c05 N74-10975 c11 N72-25288	US-PATENT-CLASS-73-497	c23 N71-16098
US-PATENT-CLASS-73-161	c14 N71-14996	US-PATENT-CLASS-73-515	c14 N72-25410
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US-PATENT-CLASS-73-170R US-PATENT-CLASS-73-170R	C14 N73-28487	US-PATENT-CLASS-73-517	c14 N71-15969
US-PATENT-CLASS-73-170R	c14 N73-32327	US-PATENT-CLASS-73-517B	c14 N74-15094
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US-PATENT-CLASS-73-189	c14 N73-13415	US-PATENT-CLASS-74-5.22	c21 N73-13644
US-PATENT-CLASS-73-189	c14 N73-25460	US-PATENT-CLASS-74-5.47	c21 N71-23289
US-PATENT-CLASS-73-190	c33 N71-15641	US-PATENT-CLASS-74-5F	c15 N73-12488
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US-PATENT-CLASS-73-190	c33 N71-23085	US-PATENT-CLASS-74-63	c15 N71-17692 c15 N71-26635
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US-PATENT-CLASS-73-194E	c05 N73-20470	US-PATENT-CLASS-74-409	c15 N71-21744
	c14 N73-32326	US-PATENT-CLASS-74-424.8	c15 N71-26635
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US-PATENT-CLASS-73-212	c14 N73-13415	US-PATENT-CLASS-74-519	c03 N70-41954
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US-PATENT-CLASS-75-20F
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US-PATENT-CLASS-117-69
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OS-PATENT-CLASS-228-57
US-PATENT-CLASS-229-DIG.11 .....
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US-PATENT-CLASS-230-162
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US-PATENT-CLASS-239-265.43
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OS-PATENT-CLASS-235-164
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US-PATENT-CLASS-235-181
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US-PATENT-CLASS-244-152
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c31 N71-16081
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                                                              US-PATENT-CLASS-250-41.95
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BS-PATENT-CLASS-244-44
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US-PATENT-CLASS-244-45
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                                                              US-PATENT-CLASS-250-43.5 ......
                                                                                                       c27 N71-16348
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                                        c02 N70-33266
                                                              US-PATENT-CLASS-250-43.5
                                                                                                       c15 N71-24896
US-PATENT-CLASS-244-46
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                                        c02 N70-33286
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US-PATENT-CLASS-244-46
US-PATENT-CLASS-244-46
                         c02 N70-34178
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US-PATENT-CLASS-244-46
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US-PATENT-CLASS-244-46
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                                                              US-PATENT-CLASS-250-43.5R .....
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US-PATENT-CLASS-244-46
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                                                              US-PATENT-CLASS-250-43.5R ......
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US-PATENT-CLASS-244-46
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                                                              US-PATENT-CLASS-250-49.5
US-PATENT-CLASS-244-46
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                                         c02 N70-34160
US-PATENT-CLASS-244-50
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US-PATENT-CLASS-250-49-5B
US-PATENT-CLASS-250-49-5TE
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US-PATENT-CLASS-244-51
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US-PATENT-CLASS-244-53
                                        c28 N71-15563
                                         c02 N74-20646
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US-PATENT-CLASS-244-53B ......
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                                         c02 N73-26005
US-PATENT-CLASS-244-55 ......
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US-PATENT-CLASS-250-51.5
US-PATENT-CLASS-250-52
US-PATENT-CLASS-250-52
US-PATENT-CLASS-250-52
US-PATENT-CLASS-250-52
US-PATENT-CLASS-250-52
US-PATENT-CLASS-250-652
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US-PATENT-CLASS-244-57
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US-PATENT-CLASS-244-75A
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                                         c02 N73-26004
US-PATENT-CLASS-244-76
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                                        c02 N71-13422
US-PATENT-CLASS-244-76
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                                         c02 N71-20570
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US-PATENT-CLASS-244-76
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US-PATENT-CLASS-244-76C
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US-PATENT-CLASS-244-77
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                                                              US-PATENT-CLASS-250-65F
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US-PATENT-CLASS-244-77A
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US-PATENT-CLASS-244-77B
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US-PATENT-CLASS-244-77D
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                          US-PATENT-CLASS-244-77F
                                         c02 N73-26004
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US-PATENT-CLASS-244-77G
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US-PATENT-CLASS-244-83
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US-PATENT-CLASS-244-83
                                         c31 N71-33160
                                                              US-PATENT-CLASS-250-83 .....
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                                         c03 N74-10942
US-PATENT-CLASS-244-83
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                                                                                                       c14 N71-20430
                                         c02 N71-27088
US-PATENT-CLASS-244-90
                                                              US-PATENT-CLASS-250-83
US-PATENT-CLASS-244-100
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                                                                                                       c14 N71-23401
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US-PATENT-CLASS-244-100
                                         c31 N70-36654
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                                         c31 N70-36845
US-PATENT-CLASS-244-100
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US-PATENT-CLASS-244-100
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US-PATENT-CLASS-244-103
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                                                                                                       c14 N71-15599
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US-PATENT-CLASS-244-113
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US-PATENT-CLASS-244-113
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US-PATENT-CLASS-244-114
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US-PATENT-CLASS-244-117
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                                                                                                       c14 N71-25901
                                                               US-PATENT-CLASS-250-83.3
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US-PATENT-CLASS-250-83.3		US-PATENT-CLASS-250-219DF	c26 N73-26751
US-PATENT-CLASS-250-83.3H		US-PATENT-CLASS-250-225	c14 N71-24864
US-PATENT-CLASS-250-83.3H US-PATENT-CLASS-250-83.3H	46 472 40645	US-PATENT-CLASS-250-225	c14 N72-27409
US-PATENT-CLASS-250-83.3H	c14 N73-20475	US-PATENT-CLASS-250-226	c14 N72-25409 c14 N71-22991
DS-PATENT-CLASS-250-83.3H	_## **** # \$ # 1 # E	US-PATENT-CLASS-250-227	c14 N71-23240
US-PATENT-CLASS-250-83.3R	d.b. w22 200177	US-PATENT-CLASS-250-229	c08 N73-30135
US-PATENT-CLASS-250-83.3R US-PATENT-CLASS-250-83.3R	40 500 20247	US-PATENT-CLASS-250-231	c14 N73-20475 c23 N74-21304
US-PATENT-CLASS-250-83.3UV	c10 N72-17173	US-PATENT-CLASS-250-231SE	c23 N74-21821
US-PATENT-CLASS-250-83.3UV	06 473 46446	US-PATENT-CLASS-250-232 US-PATENT-CLASS-250-233	c23 N71-16100
US-PATENT-CLASS-250-83.3UV	-40 ***** #4004	US-PATENT-CLASS-250-234	c03 N73-20040
US-PATENT-CLASS-250-83.6 US-PATENT-CLASS-250-83.6R	A 71 47 A A C A A A	US-PATENT-CLASS-250-235	c14 N72-11364
US-PATENT-CLASS-250-83.6R	c14 N72-20381	US-PATENT-CLASS-250-236	c21 N73-30640 c14 N69-24331
US-PATENT-CLASS-250-83.6R	40 000 40404	US-PATENT-CLASS-250-237	c08 N73-30135
US-PATENT-CLASS-250-83CD	40 45005	US-PATENT-CLASS-250-237R	c14 N74-15089
US-PATENT-CLASS-250-83R	40 000 00000	US-PATENT-CLASS-250-239	c08 N73-30135
US-PATENT-CLASS-250-84	c14 N71-24809	US-PATENT-CLASS-250-336	c14 N73-28488 c14 N74-18088
US-PATENT-CLASS-250-105	40 223 34344	US-PATENT-CLASS-250-338 US-PATENT-CLASS-250-343	c14 N74-11284
US-PATENT-CLASS-250-105	44 45 07004	US-PATENT-CLASS-250-360	c14 N74-15091
US-PATENT-CLASS-250-199	02 454 40300	US-PATENT-CLASS-250-361	c14 N74-15091
US-PATENT-CLASS-250-199	c16 N71-22895	OS-PATENT-CLASS-250-369	c14 N74-15091 c14 N74-18088
US-PATENT-CLASS-250-199	c16 N71-25914	US-PATENT-CLASS-250-370 US-PATENT-CLASS-250-371	c14 N74-18088
US-PATENT-CLASS-250-199		US-PATENT-CLASS-250-394	c14 N73-30392
US-PATENT-CLASS-250-199	44 44534	US-PATENT-CLASS-250-492	c14 N74-15091
DS-PATENT-CLASS-250-199		US-PATENT-CLASS-250-518	c14 N73-30392 c15 N70-35407
US-PATENT-CLASS-250-201	c14 N70-40238	US-PATENT-CLASS-251-11 US-PATENT-CLASS-251-31	c15 N71-19485
US-PATENT-CLASS-250-203	44 0 07401	US-PATENT-CLASS-251-51	c15 N71-10778
US-PATENT-CLASS-250-203	07 900 30736	US-PATENT-CLASS-251-61.1	c12 N71-18615
OS-PATENT-CLASS-250-203	44 950 30450	US-PATENT-CLASS-251-86	c15 N72-31483 c15 N71-18580
US-PATENT-CLASS-250-203	c21 N70-35089	US-PATENT-CLASS-251-118	c15 N74-21065
US-PATENT-CLASS-250-203		US-PATENT-CLASS-251-120	c15 N71-18580
US-PATENT-CLASS-250-203 US-PATENT-CLASS-250-203	04 474 40774 '	US-PATENT-CLASS-251-122	c15 N73-13462
US-PATENT-CLASS-250-203	c21 N71-15642	US-PATENT-CLASS-251-122	c15 N74-21065
US-PATENT-CLASS-250-203	c14 N71-19568	US-PATENT-CLASS-251-127	c12 N71-18615 . c15 N72-20442
US-PATENT-CLASS-250-203		US-PATENT-CLASS-251-129	c15 N71-23024
US-PATENT-CLASS-250-203	44 070 00040	US-PATENT-CLASS-251-172	c15 N71-21234
US-PATENT-CLASS-250-203	c14 N73-30393	US-PATENT-CLASS-251-173	c15 N70-33376 c15 N74-21065
US-PATENT-CLASS-250-203R	c14 N72-27409	US-PATENT-CLASS-251-210	c15 N74-21083
US-PATENT-CLASS-250-203R		US-PATENT-CLASS-251-331	c15 N70-34859
US-PATENT-CLASS-250-203R US-PATENT-CLASS-250-203R	04 WTD 00640	US-PATENT-CLASS-251-333	c12 N71-18615
US-PATENT-CLASS-250-203R	c14 N74-15089	US-PATENT-CLASS-251-333	c15 N72-20442 c12 N71-18615
US-PATENT-CLASS-250-203X		US-PATENT-CLASS-251-342	c15 N71-17648
US-PATENT-CLASS-250-204		US-PATENT-CLASS-251-360	c15 N72-25451
US-PATENT-CLASS-250-205 US-PATENT-CLASS-250-205	.00 van 40048	US-PATENT-CLASS-252-8.1	c18 N73-26572
US-PATENT-CLASS-250-205	c16 N74-132 <b>0</b> 5	US-PATENT-CLASS-252-12	c15 N71-23810 c15 N71-21403
US-PATENT-CLASS-250-206		US-PATENT-CLASS-252-26	c15 N71-24046
US-PATENT-CLASS-250-207		US-PATENT-CLASS-252-26	c18 N70-39897
US-PATENT-CLASS-250-207		US-PATENT-CLASS-252-62.3	c26 N71-23292
US-PATENT-CLASS-250-208	c14 N72-20379	US-PATENT-CLASS-252-300	c14 N72-22443 c18 N71-27170
US-PATENT-CLASS-250-209	c07 N69-39980	US-PATENT-CLASS-252-301.2	c06 N73-30097
US-PATENT-CLASS-250-209		US-PATENT-CLASS-252-305	c06 N73-30097
US-PATENT-CLASS-250-209 US-PATENT-CLASS-250-209	44 0 05000	US-PATENT-CLASS-252-408	c14 N73-14428
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HS-PATENT-CLASS-250-209		US-PATENT-CLASS-252-431R US-PATENT-CLASS-252-514	c05 N72-25120
US-PATENT-CLASS-250-209		US-PATENT-CLASS-253-39-1	c33 N71-29152
US-PATENT-CLASS-250-209 US-PATENT-CLASS-250-211J		DS-PATENT-CLASS-253-39.15	c15 N70-33226
US-PATENT-CLASS-250-211J	c09 N73-14214	DS-PATENT-CLASS-253-39.15	c15 N70-33264 c28 N70-33372
DS-PATENT-CLASS-250-211J		US-PATENT-CLASS-253-39-15 US-PATENT-CLASS-253-66	c15 N70-36412
US-PATENT-CLASS-250-212		US-PATENT-CLASS-253-66	c28 N70-39895
US-PATENT-CLASS-250-212 US-PATENT-CLASS-250-212		US-PATENT-CLASS-253-77	c28 N71-28928
пс-ратент-CLASS-250-214	c14 N73-25462	US-PATENT-CLASS-253-77	c28 N71-29154 c15 N73-30457
по-раткит-CLASS-250-214	c14 N73-25462	US-PATENT-CLASS-254-29A	c14 N74-13129
US-PATENT-CLASS-250-214		US-PATENT-CLASS-254-150	c15 N71-24599
US-PATENT-CLASS-250-214R US-PATENT-CLASS-250-215	c14 N73-16483	US-PATENT-CLASS-254-156	.c15 N73-25512
US-PATENT-CLASS-250-217	c14 N69-39896	US-PATENT-CLASS-254-173	c15 N71-24599 c15 N71-24599
ис-ратент-CLASS-250-217		US-PATENT-CLASS-254-186 US-PATENT-CLASS-254-190	c15 N71-24599
по-раткит-CLASS-250-217		US-PATENT-CLASS-259-DIG.18	c14 N74-15093
ng-patent-CLASS-250-217B		US-PATENT-CLASS-259-4	c15 N73-19458
ng_parent-CLASS-250-217SS	c09 N73-14214	US-PATENT-CLASS-259-60	c14 N74-15093 c15 N71-21177
HS-PATENT-CLASS-250-217SS		US-PATENT-CLASS-259-71	c15 N74-18123
US-PATENT-CLASS-250-218	C(4 M/1-22990	ON THERM COMMON TON IN THATTAGENER	· · · · · · · · · · · · · · · ·

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US-PATENT-CLASS-259-98
                                         c15 N74-15126
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 US-PATENT-CLASS-260.46.5E ......
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                                                               US-PATENT-CLASS-264-102
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 US-PATENT-CLASS-260-2 .....
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 US-PATENT-CLASS-260-2
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 US-PATENT-CLASS-260-2
US-PATENT-CLASS-260-2
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 US-PATENT-CLASS-260-2.1E
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                                         c18 N72-22567
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 US-PATENT-CLASS-260-2.5
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c06 N71-25929
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                                                                                                       c14 N74-13131
                                                               DS-PATENT-CLASS-272-DIG.1 .....
 US-PATENT-CLASS-260-185
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 US-PATENT-CLASS-260-30.2 .....
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 US-PATENT-CLASS-260-30.8DS .....
                                         c06 N73-27980
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 US-PATENT-CLASS-260-33.4R
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US-PATENT-CLASS-272-79C
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US-PATENT-CLASS-260-46.5
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US-PATENT-CLASS-260-46.5P
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US-PATENT-CLASS-260-47UP
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US-PATENT-CLASS-260-65 .....
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US-PATENT-CLASS-260-72.5
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                                                              US-PATENT-CLASS-277-91
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US-PATENT-CLASS-260-72.5
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                                                              US-PATENT-CLASS-277-96
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US-PATENT-CLASS-260-77.5
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US-PATENT-CLASS-260-77.5
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US-PATENT-CLASS-260-77.5
US-PATENT-CLASS-260-77.5
US-PATENT-CLASS-260-77.5AP
US-PATENT-CLASS-260-77.5AP
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US-PATENT-CLASS-260-78
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US-PATENT-CLASS-260-78
US-PATENT-CLASS-200-76
US-PATENT-CLASS-260-78TF
US-PATENT-CLASS-260-78UA
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US-PATENT-CLASS-260-85.5
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US-PATENT-CLASS-260-94.2R
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US-PATENT-CLASS-287-189.365
US-PATENT-CLASS-290-40
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US-PATENT-CLASS-260-567.6M
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US-PATENT-CLASS-263-48
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US-PATENT-CLASS-264-DIG.44
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US-PATENT-CLASS-264-36
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US-PATENT-CLASS-333-98
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US-PATENT-CLASS-333-98P
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US-PATENT-CLASS-333-98P
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US-PATENT-CLASS-333-98R
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US-PATENT-CLASS-333-98S
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US-PATENT-CLASS-335-216
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US-PATENT-CLASS-335-297
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US-PATENT-CLASS-335-300
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US-PATENT-CLASS-336-DIG.1
US-PATENT-CLASS-336-60
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OS-PATENT-CLASS-336-178
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US-PATENT-CLASS-336-198
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US-PATENT-CLASS-337-75
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US-PATENT-CLASS-337-359
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US-PATENT-CLASS-338-5
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US-PATENT-CLASS-338-64
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US-PATENT-CLASS-340-174
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US-PATENT-CLASS-340-174
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US-PATENT-CLASS-340-174.1
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US-PATENT-CLASS-340-174.1
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US-PATENI-CLASS-340-174.1
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US-FATENT-CLASS-340-174.1L
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US-PATENT-CLASS-340-174.1M
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US-PATENT-CLASS-340-210
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	US-PATENT-CLASS-343-771		c07 N72-22127	US-PATENT-CLASS-350-2	c23 N71-30027
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	US-PATENT-CLASS-343-784		c07 N71-28980	US-PATENT-CLASS-350-35	c14 N72-22441
	US-PATENT-CLASS-343-786		c07 N71-15907	US-PATENT-CLASS-350-36	c14 N72-22441
	DS-PATENT-CLASS-343-786		c07 N71~22750	US-PATENT-CLASS-350-49	c14 N72-22441
	US-PATENT-CLASS-343-786		c07 N71-26101	US-PATENT-CLASS-350-52	c14 N72-22441
	US-PATENT-CLASS-343-786		c07 N71-27233	US-PATENT-CLASS-350-52	c14 N72-22444
	US-PATENT-CLASS-343-786		c07 N72-20141	US-PATENT-CLASS-350-55	c23 N71-33229
	US-PATENT-CLASS-343-786		c10 N72-22235	DS-PATENT-CLASS-350-55	c14 N73-30393
	US-PATENT-CLASS-343-786		c07 N72-25174	US-PATENT-CLASS-350-55	c23 N73-30666
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٠.	US-PATENT-CLASS-343-797		c09 N71-24842	US-PATENT-CLASS-350-86	c14 N72-22445
	US-PATENT-CLASS-343-797		c07 N72-22127	US-PATENT-CLASS-350-96	c07 N71-26291
	US-PATENT-CLASS-343-797	**********	c09 N72-31235	US-PATENT-CLASS-350-102	c23 N71-29123
	DS-PATENT-CLASS-343-797		c07 N73-28013	US-PATENT-CLASS-350-138	c23 N72-27728
	US-PATENT-CLASS-343-797		c09 N74-20863	US-PATENT-CLASS-350-147	c14 N72-27409
	US-PATENT-CLASS-343-799		c07 N71-27233	DS-PATENT-CLASS-350-150	c26 N72-25680
	US-PATENT-CLASS-343-803		c07 N73-28013	US-PATENT-CLASS-350-151	c16 N74-13205
	US-PAIENT-CLASS-343-823		c07 N71-28979	DS-PATENT-CLASS-350-160R	c14 N72-25410
	US-PATENT-CLASS-343-833		c31 N70-34135	US-PATENT-CLASS-350-160R	c26 N72-25680
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•	US-PATENT-CLASS-343-839		c09 N73-19234	US-PATENT-CLASS-350-162SF	c23 N73-30666
			c07 N71-27233	US-PATENT-CLASS-350-171	c23 N72-23695
	US-PATENT-CLASS-343-840		c09 N72-12136	US-PATENT-CLASS-350-175FS	c14 N72-25414
	US-PATENT-CLASS-343-840		c07 N72-32169	US-PATENT-CLASS-350-189	c23 N71-24857
	US-PATENT-CLASS-343-840		c07 N72-11148	US-PATENT-CLASS-350-199	c14 N73-30393
	US-PATENT-CLASS-343-853	*********	c07 N72-11140	US-PATENT-CLASS-350-202	c23 N73-20741
	US-PATENT-CLASS-343-853		c07 N72-25174	US-PATENT-CLASS-350-203	c14 N72-25409
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	US-PATENT-CLASS-343-853		· · · · · · · · · · · · · · · · ·	US-PATENT-CLASS-350-204	c14 N71-15622
	US-PATENT-CLASS-343-853		c10 N73-16206 c09 N74-20863	US-PATENT-CLASS-350-236	c14 N74-15095
	US-PATENT-CLASS-343-853		<del>-</del>	US-PATENT-CLASS-350-269	c09 N74-20861
	US-PATENT-CLASS-343-853		c09 N74-20864	1 12 12	G23 N74-21300
-	QS-PATENT-CLASS-343-854	********	c07 N69-27460	US-PATENT-CLASS-350-270	c09 N71-19479
	US-PATENT-CLASS-343-854	• • • • • • • • • • • • • • • • • • • •	c07 N71-27233 c09 N73-19234	US-PATENT-CLASS-350-275	c14 N71-15605
	US-PATENT-CLASS-343-854	*********	****		c14 N71-17662
	US-PATENT-CLASS-343-854		c09 N74-20860	US-PATENT-CLASS-350-285	c19 N71-26674
	US-PATENT-CLASS-343-872	*********	c07 N71-28980		c15 N72-11386
	US-PATENT-CLASS-343-873	*********	c07 N71-19493	US-PATENT-CLASS-350-285	c16 N73~33397
	US-PATENT-CLASS-343-873		c09 N72-25247	US-PATENT-CLASS-350-285	c14 N74-15095
	US-PATENT-CLASS-343-880	*********	c07 N73-26117	US-PATENT-CLASS-350-265	C07 N71-29065
	US-PATENT-CLASS-343-883	• • • • • • • • • • • •	c07 N73-26117	US-PATENT-CLASS-350-287	c15 N72-11386
	US-PATENT-CLASS-343-884		c07 N71-27191		c23 N71-29123
	US-PATENT-CLASS-343-889	• • • • • • • • • • • • • • • • • • • •	c07 N73-26117		c16 N73-16536
	US-PATENT-CLASS-343-893	*********	c09 N72-21244	US-PATENT-CLASS-350-293	c23 N74-21304
	US-PATENT-CLASS-343-893	*********	c07 N73-28013	US-PATENT-CLASS-350-299	c11 N69-24321
	US-PATENT-CLASS-343-895		c09 N73-19234	US-PATENT-CLASS-350-310	
	US-PATENT-CLASS-343-895		c07 N73-26117	US-PATENT-CLASS-350-310	c23 N71-24868 c23 N71-29123
	US-PATENT-CLASS-343-909		c07 N74-11000	US-PATENT-CLASS-350-310	
	US-PATENT-CLASS-343-912		c07 N72-21117	US-PATENT-CLASS-350-310	c23 N71-33229
	US-PATENT-CLASS-343-912		c07 N72-22127	US-PATENT-CLASS-350-310	c23 N72-22673
				US-PATENT-CLASS-350-312	c16 N72-12440
	US-PATENT-CLASS-343-915	*********	c37 N71-16102		-0E MTT-06070
	US-PATENT-CLASS-343-915 US-PATENT-CLASS-343-915	*********	c09 N71-20658	US-PATENT-CLASS-351-23	c05 N73-26072
	US-PATENT-CLASS-343-915 US-PATENT-CLASS-343-915 US-PATENT-CLASS-343-915		c09 N71-20658 c07 N72-32169	US-PATENT-CLASS-351-23US-PATENT-CLASS-351-30	c05 N73-26072
	US-PATENT-CLASS-343-915 US-PATENT-CLASS-343-915 US-PATENT-CLASS-343-915 US-PATENT-CLASS-343-915		c09 N71-20658 c07 N72-32169 c07 N73-14130	US-PATENT-CLASS-351-23 US-PATENT-CLASS-351-30 US-PATENT-CLASS-351-36	c05 N73-26072 c05 N73-26072
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;	US-PATENT-CLASS-343-915 US-PATENT-CLASS-343-915 US-PATENT-CLASS-343-915 US-PATENT-CLASS-343-915 US-PATENT-CLASS-343-915 US-PATENT-CLASS-346-1		c09 N71-20658 c07 N72-32169 c07 N73-14130 c07 N73-24176 c12 N71-20815	US-PATENT-CLASS-351-23 US-PATENT-CLASS-351-30 US-PATENT-CLASS-351-36 US-PATENT-CLASS-352-84 US-PATENT-CLASS-352-84	c05 N73-26072 c05 N73-26072 c16 N71-33410 c14 N72-18411
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;	US-PATENT-CLASS-343-915 US-PATENT-CLASS-343-915 US-PATENT-CLASS-343-915 US-PATENT-CLASS-343-915 US-PATENT-CLASS-346-1 US-PATENT-CLASS-346-1 US-PATENT-CLASS-346-1 US-PATENT-CLASS-346-23 US-PATENT-CLASS-346-29 US-PATENT-CLASS-346-29		c09 N71-20658 c07 N72-32169 c07 N73-14130 c07 N73-24176 c12 N71-20815 c09 N72-21246 c14 N72-18411 c07 N74-15831 c09 N72-21246	US-PATENT-CLASS-351-23 US-PATENT-CLASS-351-36 US-PATENT-CLASS-351-36 US-PATENT-CLASS-352-84 US-PATENT-CLASS-352-84 US-PATENT-CLASS-352-169 US-PATENT-CLASS-354-234 US-PATENT-CLASS-354-234 US-PATENT-CLASS-354-234 US-PATENT-CLASS-355-18	c05 N73-26072 c05 N73-26072 c16 N71-33410 c14 N72-18411 c14 N73-14427 c09 N74-20861 c23 N74-21300 c14 N73-33361
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•	US-PATENT-CLASS-343-915 US-PATENT-CLASS-343-915 US-PATENT-CLASS-343-915 US-PATENT-CLASS-343-915 US-PATENT-CLASS-343-915 US-PATENT-CLASS-346-1 US-PATENT-CLASS-346-1 US-PATENT-CLASS-346-23 US-PATENT-CLASS-346-29 US-PATENT-CLASS-346-29 US-PATENT-CLASS-346-50 US-PATENT-CLASS-346-50 US-PATENT-CLASS-346-74	D	c09 N71-20658 c07 N72-32169 c07 N73-14130 c07 N73-24176 c12 N71-20815 c09 N72-21246 c14 N72-18411 c07 N74-15831 c09 N72-21246 c09 N69-21467 c14 N71-21006 c21 N73-13644	US-PATENT-CLASS-351-23 US-PATENT-CLASS-351-36 US-PATENT-CLASS-351-36 US-PATENT-CLASS-352-84 US-PATENT-CLASS-352-84 US-PATENT-CLASS-352-169 US-PATENT-CLASS-354-234 US-PATENT-CLASS-354-234 US-PATENT-CLASS-355-18 US-PATENT-CLASS-356-4 US-PATENT-CLASS-356-4 US-PATENT-CLASS-356-4 US-PATENT-CLASS-356-4	C05 N73-26072 C05 N73-26072 C16 N71-33410 C14 N72-18411 C14 N73-14427 C09 N74-20861 C23 N74-21300 C14 N73-33361 C14 N72-17326 C07 N73-26119 C16 N74-15145

US-PATENT-CLASS-356-17	c14 N72-21409	US-PATENT-CLASS-431-9	c23 N73-30665
OS-PATENT-CLASS-356-18	c14 N72-21409	US-PATENT-CLASS-431-173	c23 N73-30665
US-PATENT-CLASS-356-28	c21 N71-19212	US-PATENT-CLASS-431-352	c28 N71-28915
DS-PATENT-CLASS-356-28	c16 N71-24828		•
US-PATENT-CLASS-356-28	c24 N74-19310	US-PATENT-DES-228,688	c02 N74-10907
US-PATENT-CLASS-356-32	c14 N72-11364		
OS-PATENT-CLASS-356-32	c32 N73-20740	US-PATENT-RE-26,548	c07 N71-12389
US-PATENT-CLASS-356-36	c23 N71-16365		
US-PATENT-CLASS-356-43	c14 N74-15095	US-PATENT-2,837,706	c15 N71-28952
US-PATENT-CLASS-356-51	c06 N72-31141	US-PATENT-2,898,889	c02 N71-29128
US-PATENT-CLASS-356-72	c14 N71-23268	US-PATENT-2,903,307	c15 N71-29136
US-PATENT-CLASS-356-72	c33 N73-27796	US-PATENT-2,926,123	¢33 N71-29151
	c30 N71-15990	US-PATENT-2,934,331	c15 N70-33382
US-PATENT-CLASS-356-74		, · · · · · · · · · · · · · · · · · · ·	c28 N70-33241
US-PATENT-CLASS-356-76	c23 N71-26206	US-PATENT-2,940,259	
US-PATENT-CLASS-356-76	c14 N71-29041	US-PATENT-2,944,316	c15 N71-16076
US-PATENT-CLASS-356-85	c15 N74-18123	US-PATENT-2,945,667	c15 N70-33376
OS-PATENT-CLASS-356-103	c14 N71-28994	US-PATENT-2,956,772	c33 N71-29152
US-PATENT-CLASS-356-104	c16 N71-24074	US-PATENT-2,960,002	c14 N70-41946
US-PATENT-CLASS-356-106	c14 N71-17627	OS-PATENT-2,971,837	_c17 N70-33283
US-PATENT-CLASS-356-106	c14 N71-17655	US-PATENT-2,974,925	c28 N70-33372
US-PATENT-CLASS-356-106	c14 N71-27215	DS-PATENT-2,984,735	c11 N70-33329
US-PATENT-CLASS-356-106	c14 N73-12446	US-PATENT-2,991,671	c15 N70-33330
US-PATENT-CLASS-356-106	c16 N74-15146	US-PATENT-2,991,961	c02 N70-33332
US-PATENT-CLASS-356-106R	c24 N74-19310	US-PATENT-2,996,212	c31 N71-17680
US-PATENT-CLASS-356-1065	c23 N73-13661	US-PATENT-2,997,274	c28 N71-29154
US-PATENT-CLASS-356-107	c16 N71-24170	US-PATENT-3,001,363	c28 N70-33331
US-PATENT-CLASS-356-108	c26 N73-26751		c14 N70-33386
			c03 N70+33343
US-PATENT-CLASS-356-108	c16 N73-30476	US-PATENT-3,001,739	c14 N70-33343
US-PATENT-CLASS-356-109	c16 N73-30476	US-PATENT-3,004,735	
US-PATENT-CLASS-356-110	c14 N73-25463	US-PATENT-3,005,081	c09 N70-33312
US-PATENT-CLASS-356-112	c24 N74-19310	US-PATENT-3,005,339	c11 N70-33287
US-PATENT-CLASS-356-113	c14 N72-17323	US-PATENT-3,008,229	c15 N70-33311
US-PATENT-CLASS-356-114	c14 N73-12446	US-PATENT-3,010,372	c15 N70-33180
US-PATENT-CLASS-356-117	c23 N71-16101	US-PATENT-3,011,760	c15 N70-33226
US-PATENT-CLASS-356-138	c14 N72-20379	US-PATENT-3,012,400	c28 N70-33374
US-PATENT-CLASS-356-138	c16 N73-33397	US-PATENT-3,012,407	c15 N70-33323
US-PATENT-CLASS-356-141	c14 N72-27409	US-PATENT-3,016,693	c28 N70-33356
US-PATENT-CLASS-356-141	c14 N73-28490	US-PATENT-3,016,863	c12 N70-33305
US-PATENT-CLASS-356-141	c16 N74-21091	US-PATENT-3,022,672	c14 N70-34816
OS-PATENT-CLASS-356-148	c16 N73-33397	US-PATENT-3,024,659	c14 N70-34820
US-PATENT-CLASS-356-150	c15 N71-28740	US-PATENT-3,028,122	c02 N70-33286
	c15 N71-28740	US-PATENT-3,028,126	c21 N70-33279
US-PATENT-CLASS-356-152			
US-PATENT-CLASS-356-152	c16 N72-13437	l :	c31 N70-33242
US-PATENT-CLASS-356-152	c14 N72-20379	US-PATENT-3,035,333	c28 N70-41818
US-PATENT-CLASS-356-152	c14 N72-27409	US-PATENT-3,038,077	c21 N70-33181
US-PATENT-CLASS-356-152	c14 N73-25462	US-PATENT-3,038,175	C05 N70-33285
US-PATENT-CLASS-356-152	c16 N74-15145	US-PATENT-3,041,587	c14 N70-33179
US-PATENT-CLASS-356-152	c16 N74-21091	US-PATENT-3,041,924	c14 N70-33254
US-PATENT-CLASS-356-152	c23 N74-21304	US-PATENT-3,045,424	c28 N70-40367
US-PATENT-CLASS-356-153	c15 N71-28740	US-PATENT-3,049,876	c28 N70-33284
US-PATENT-CLASS-356-153	c23 N71-29125	US-PATENT-3,053,484	c02 N70-33255
OS-PATENT-CLASS-356-153	c16 N73-33397	US-PATENT-3,057,597	c15 N70-33264
US-PATENT-CLASS-356-154	c15 N71-26673	US-PATENT-3,059,220	c09 N70-33182
US-PATENT-CLASS-356-161	c26 N73-26751	US-PATENT-3,063,291	c11 N70-33278
US-PATENT-CLASS-356-166	c14 N71-23175	US-PATENT-3,064,928	c02 N70-33266
US-PATENT-CLASS-356-167	c14 N72-11364	US-PATENT-3,067,573	c28 N70-39899
US-PATENT-CLASS-356-172	c16 N73-33397	US-PATENT-3,068,658	c15 N70-34247
US-PATENT-CLASS-356-172	c16 N74-21091	US-PATENT-3,069,123	c14 N70-39898
	c15 N74-21031	I	c21 N70-34539
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US-PATENT-3,276,251		c11 N71-15926	US-PATENT-3,304,729		c31 N70-41871
US-PATENT-3,276,376		c31 N71-17629	US-PATENT-3,3C4,768	*********	c32 N70-42003
US-PATENT-3,276,602		c32 N71-17609	US-PATENT-3,304,773	************	c14 N70-41957
US-PATENT-3,276,679 US-PATENT-3,276,722		c15 N71-16079 c02 N71-16087	US-PATENT-3,304,799 US-PATENT-3,304,865	************	CO3 N70-41954 C28 N70-41967
US-PATENT-3,276,726		c31 N71-16081	US-PATENT-3,305,415	************	c27 N70-41897
DS-PATENT-3,276,865		c17 N71-16025	US-PATENT-3,305,636	***********	c08 N70-41961
US-PATENT-3,276,866	************	c17 N71-16026 c23 N71-15978	US-PATENT-3,305,801	*****	c10 N70-41964
US-PATENT-3,276,946 US-PATENT-3,277,314		c10 N71-16042	US-PATENT-3,305,810 US-PATENT-3,305,861	************	C09 N70-41929 C21 N70-41930
US-PATENT-3,277,366		c10 N71-16057	US-PATENT-3,305,870		c07 N71-15907
US-PATENT-3,277,373		c07 N71-16088	US-PATENT-3,308,848	**********	c12 N71-16031
US-PATENT-3, 277, 375 US-PATENT-3, 277, 458		c07 N71-11284   c10 N71-16058	US-PATENT-3,309,012 US-PATENT-3,309,961		c33 N71-17610
AR 184944 38511130		19999 I			c15 N71-16078

UC-08mmnm-2 210 054		c08 N71-15908	US-PATENT-3,340,397		c11 N71-23042
US-PATENT-3,310,054		c12 N71-16894	US-PATENT-3,340,430		c09 N71-22796
US-PATENT-3,310,138		c31 N71-17679	US-PATENT-3,340,532		c10 N71-21473
US-PATENT-3,310,256			US-PATENT-3.340.599		c09 N71-23027
US-PATENT-3,310,258		c31 N71-17691			c15 N71-22723
US-PATENT-3,310,261		c02 N71-11038	US-PATENT-3,340,713		
US-PATENT-3,310,262		c02 N71-12243	US-PATENT-3,340,732	******	c02 N71-23007
US-PATENT-3,310,443		c24 N71-10560	US-PATENT-3,341,151		c31 N71-23009
		c14 N73-32324	US-PATENT-3,341,169		c15 N71-23024
US-PATENT-3,310,699	*********	c14 N71-10616	US-PATENT-3,341,708		c16 N71-22895
US-PATENT-3,310,978			US-PATENT-3,341,778		c07 N71-23098
US-PATENT-3,310,980		c11 N71-10604	US-PATENT-3,341,977	*************	c15 N71-22705
US-PATENT-3,311,315		CO7 N71~10609			c15 N71-22797
US-PATENT-3,311,502		C03 N71-10608	US-PATENT-3,342,055		
US-PATENT-3,311,510		c26 N71-10607	US-PATENT-3,342,066		c11 N71-23030
US-PATENT-3,311,748		c21 N71-10678	US-PATENT-3,342,653	************	c15 N71-22713
us pampum_2 241 772		c09 N71-10618	US-PATENT-3,343,180		c05 N71-23159
US-PATENT-3,311,772		CO7 N71-10775	US-PATENT-3,343,189		c05 N71-22748
US-PATENT-3,311,832		c14 N71-10774	US-PATENT-3,344,340		c09 N71-21449
US-PATENT-3,312,101					c10 N71-21483
US-PATENT-3,316,716		c28 N71-10780	US-PATENT-3,344,425		
US-PATENT-3,316,752		c14 N71-10779	US-PATENT-3,345,820		c28 N71-21822
US-PATENT-3,316,991		c14 N71-10773	US-PATENT-3,345,822	*******	c27 N71-21819
US-PATENT-3,317,180		c15 N71-10778	US-PATENT-3,345,840		c15 N71-21536
		c18 N71-10772	US-PATENT-3,345,866		c11 N71-21481
OS-PATENT-3,317,341		c03 N71-10728	US-PATENT-3,346,419		c03 N71-20895
US-PATENT-3, 317, 352		c15 N71-10672	US-PATENT-3,346,442		c18 N71-21651
US-PATENT-3,317,641				************	c06 N71-20905
OS-PATENT-3,317,731		c21 N71-10771	US-PATENT-3,346,515		
US-PATENT-3,317,751		c09 N71-10673	OS-PATENT-3,346,724	**********	c15 N71-21179
US-PATENT-3,317,797		c10 N71-28783	US-PATENT-3,346,806		c14 N71-21090
US-PATENT-3,317,832		c09 N71-10659	US-PATENT-3,346,929		c15 N71-21076
US-PATENT-3,318,093		c15 N71-10658	US-PATENT-3,347,046		c33 N71-21507
		c28 N71-28849	US-PATENT-3,347,309		c33 N71-29046
US-PATENT-3,318,096		c15 N71-10809	US-PATENT-3,347,465		c18 N71-21068
US-PATENT-3,318,343			US-PATENT-3,347,466	***************************************	C28 N71-21493
US-PATENT-3,318,622		c15 N71-10799			c15 N71-21177
US-PATENT-3,319,175		C09 N71-10798	DS-PATENT-3,347,531		*
US-PATENT-3,319,979		c15 N71-10782	DS-PATENT-3,347,665	***********	c17 N71-20743
US-PATENT-3, 320, 669		c15 N70-42017	US-PATENT-3,348,048		c14 N71-21088
US-PATENT-3,321,034		c15 N70-42034	US-PATENT-3,348,053	444444444444	c10 N71-20782
US-PATENT-3,321,154	***********	c31 N70-42075	US-PATENT-3,348,152		c10 N71-20841
		c02 N70-42016	US-PATENT-3,348,218		c10 N71-29135
US-PATENT-3,321,157		c31 N70-42015	US-PATENT-3,349,814		c33 N71-20834
US-PATENT-3,321,159					c14 N71-21082
US-PATENT-3,321,570		c15 N70-41960	US-PATENT-3,350,033		c31 N71-21064
US-PATENT-3,321,628		c10 N70-41991	US-PATENT-3,350,034	******	
US-PATENT-3,321,645		c10 N70~42032	US-PATENT-3,350,214		c17 N71-20941
US-PATENT-3,321,922		c28 N70-41992	US-PATENT-3,350,643		c07 N71-20791
US-PATENT-3, 323, 356		c15 N70-41993	US-PATENT-3,350,671		c09 N71-20842
US-PATENT-3,323,362		c14 N70-41994	US-PATENT-3,350,926		c14 N71-21091
		c05 N70-42000	US-PATENT-3,352,157		c14 N71-21072
US-PATENT-3,323,370		c03 N70-42073	US-PATENT-3,352,192		c15 N71-21489
US-PATENT-3,323,386					c28 N71-20942
US-PATENT-3,323,408	************	c14 N70-41955	US-PATENT~3,353,359		c06 N71-20717
US-PATENT-3,323,484		C14 N70-42074	US-PATENT-3,354,098		
US-PATENT-3, 323, 967	******	c15 N70-42033	US-PATENT-3, 354, 320		c23 N71-21821
US-PATENT-3,324,370		c09 N7 <b>1-1</b> 0677	US-PATENT-3,354,462		c14 N71-21006
US-PATENT-3,324,388		c14 N71-10797	US-PATENT-3,355,861		c18 N71-20742
US-PATENT-3,324,423		c07 N71-10676	US-PATENT-3,355,948		c14 N71-21007
US-PATENT-3,324,659		c28 N71-10574	US-PATENT-3,356,320		C05 N71-20718
		c15 N71-10617	US-PATENT-3,356,549		c15 x71-21404
US-PATENT-3, 325, 229	************				c25 N71-20747
US-PATENT-3, 325, 723		C10 N71-10578	US-PATENT-3,356,885		c12 N71-20815
US-PATENT-3,325,749		c09 N71-28810	US-PATENT-3,357,024		
US-PATENT-3,326,043	************	c14 N71-10500	US-PATENT-3,357,093		c15 N71-21078
US-PATENT-3,326,407		c15 N71-10577	US-PATENT-3,357,237	**********	c33 N71-21586
US-PATENT-3,327,298		c08 N71-21042	US-PATENT-3,357,862		c03 N71-20904
US-PATENT-3,327,991		c15 N71-21234	DS-PATENT-3,358,145		c14 N71-21040
		c28 N71-28850	US-PATENT-3,358,264		c09 N71-20851
US-PATENT-3,328,624			US-PATENT-3,359,046	*************	c15 N71-20739
US-PATENT-3,329,375		c21 N71-21708	1		c09 N71-20705
US-PATENT-3,329,918		c09 N71-21583	US-PATENT-3,359,132		
US-PATBNT-3,330,052		c11 N71-21474	US-PATENT-3,359,409		c07 N71-21476
US-PATENT-3,330,082		c15 N71-21531	US-PATENT-3,359,435		c15 N71-21311
US-PATENT-3,330,510		c31 N71-28851	US-PATENT-3,359,555		c09 N71-20864
US-PATENT-3,330,549		c15 N71-21530	US-PATENT-3.359.819		c15 N71-21744
US-PATENT-3,331,071	*************	c07 a71-28900	US-PATENT-3,359,855		c23 N71-21882
		c11 N71-21475	US-PATENT-3,360,798		c09 N71-20658
US-PATENT-3,331,246			US-PATENT-3,360,864		c14 N71-24693
US-PATENT-3,331,255		c15 N71-21529			c15 N71-24833
US-PATENT-3,331,404		c12 N71-21089	US-PATENT-3,360,972	************	
US-PATENT-3,331,951		c21 N71-21688	US-PATENT-3,360,980	*******	c14 N71-20741
US-PATENT-3,333,152		c25 N71-21693	US-PATENT-3,360,988		c09 N71-20816
US-PATENT-3,333,788		c31 N71-21881	US-PATENT-3,361,045		c15 N71-21060
US-PATENT-3,334,225		c14 N73-32325	US-PATENT-3,361,067		c26 N71-21824
US-PATENT-3,336,725		c15 N71-21528	US-PATENT-3,361,400		c15 N71-20813
US-PATENT-3,336,748		c25 N71-21694	US-PATENT-3,361,666		c15 N71-21403
US-PATENT-3,336,754		c28 N71-22983	US-PATENT-3,361,985		c10 N71-20852
					c07 N71-20814
US-PATENT-3,337,004	************	c14 N71-23092	US-PATENT-3,364,311		c09 N71-28926
US-PATENT-3,337,279		c05 N71-23080	US-PATENT-3,364,366	• • • • • • • • • • • • • • • • • • • •	c14 N71-21079
US-PATENT-3,337,315		c18 N71-23088	US-PATENT-3,364,578	******	
US-PATENT-3,337,337		c18 N71-22894	US-PATENT-3,364,631	,.,,,,,,,,,,,,,,	c32 N71-21045
US-PATENT-3,337,790	**********	c12 N71-20896	US-PATENT-3,364,777		C15 N71-20740
US-PATENT-3,337,812		c09 N71-23097	US-PATENT-3,364,813		c09 N71-22999
US-PATENT-3,339,404		c14 N71-22765	US-PATENT-3,365,657		c10 N71-22961
US-PATENT-3,339,863		c14 N71-23040	US-PATENT-3,365,665	4	c14 x71-23037
US-PATENT-3,340,099		c03 N71-23006	US-PATENT-3,365,897		c33 N71-28892
US-PATENT-3,340,099		c14 N71-23041	US-PATENT-3,365,930		c14 N71-22964
05-547047-71740,230	************	C14 M11-77041	APERTURAL DISABLES AND ASSAULT		·

			1		
OS-PATENT-3,365,941		c14 N71-22965	US-PATENT-3,394,359		c08 N71-28925
US-PATENT-3,366,886		510 N71-22962	US-PATENT-3,394,975		c23 N71-30027
US-PATENT-3,366,894		c10 N71-23084	US-PATENT-3,395,053		c18 N71-23047
US-PATENT-3,367,114	************	c28 N71-23081	US-PATENT-3,395,565	*************	c14 N73-30390
US-PATENT-3,367,121		c15 N71-23025	US-PATENT-3,396,057		c26 N71-23043
US-PATENT-3,367,182		c33 N71-23085	US-PATENT-3,396,184		c06 N71-28808
US-PATENT-3,367,224		c15 N71-22798 .	US-PATENT-3,396,303		c09 N71-22987
US-PATENT-3,367,271		c15 N71-24042	US-PATENT-3,396,584		c14 N71-30026
US-PATENT-3,367,308		c11 N71-22875	US-PATENT-3,396,920		c31 N71-29050
US-PATENT-3,367,445		c15 N71-23048	US-PATENT-3,397,094		c26 N71-29156
US-PATENT-3,368,486		c15 N71-22874	US-PATENT-3,397,117	************	c15 N71-23086
US-PATENT-3,369,222		G08 N71-22707	US-PATENT-3,397,318	**************	c14 N71-22991
US-PATENT-3,369,223		c08 N71-22710		4	c15 N71-23023
US-PATENT-3,369,564		c15 N71-23051	US-PATENT-3,397,512	************	
US-PATENT-3,370,039			US-PATENT-3,397,932		c15 N71-22982
		c06 N71-28807	US-PATENT-3,399,299		c10 N71~23662
US-PATENT-3,372,588	• • • • • • • • • • • • • • • • • • • •	c33 N71-29051	US-PATENT-3,399,574	************	c32 N71-24285
US-PATENT-3,373,069		. c15 N71-23052	US-PATENT-3,402,265	• • • • • • • • • • • • • • • •	c09 N73-28084
US-PATENT-3,373,404		c08 N71-22749	US-PATENT-3,404,289		c09 N71-23545
US-PATENT-3,373,430		c09 N71-22888	US-PATENT-3,405,406	***********	c05 N71-23161
US-PATENT-3,373,431		c07 N71-22750	US-PATENT-3,405,887		c31 N71-24315
US-PATENT-3,373,640		c15 N71-22722	US-PATENT-3,406,336		c10 N71-24863
US-PATENT-3,373,914		c15 N71-23050	US-PATENT-3,406,742		c33 N71-24276
US-PATENT-3,374,339		c08 N71-22897	US-PATENT-3,407,304		c14 N71-23240
US-PATENT-3,374,366		c09 N71-23015	US-PATENT-3,408,816	******	c28 N71-24736
US-PATENT-3,374,830		- c33 N71-22890	US-PATENT-3,408,870	4.0	c14 N71-23227
US-PATENT-3,375,451		c10 N71-22986	US-PATENT-3,409,247		c33 N71-28903
US-PATENT-3,375,479		c15 N71-23049	US-PATENT-3,409,252		c15 N71-23255
US-PATENT-3,375,885		c15 N73-32362	US-PATENT-3,409,554		c26 N71-23292
OS-PATENT-3,376,730		. c14 N71-22995	US-PATENT-3,409,730	************	c33 N71-24145
US-PATENT-3,377,208		c14 N71-23039	US-PATENT-3,411,356		c14 N71-23226
US-PATENT-3,377,845		c14 N71-22992	US-PATENT-3,412,559		c28 N71-23293
.US-PATENT-3,378,315		c15 N71-22997	US-PATENT-3,412,598		c14 N71-23235
US-PATENT-3,378,851	************	c05 N71-23096	US-PATENT-3,412,729		c04 N71-23185
US-PATENT-3,378,892		c15 N71-23094	US-PATENT-3,412,729		c32 N71-23165
US-PATENT-3,379,052		c14 N73-32321	US-PATENT-3,413,115	*************	
US-PATENT-3,379,064					c17 N71-23365
_ = <del>*</del>			US-PATENT-3,413,393	***********	c17 N71-29137
US-PATENT-3,379,330	* * * * * * * * * * * * * * * * * * * *	c23 N71-22881	US-PATENT-3,413,510		c09 N71-23190
US-PATENT-3,379,885		c09 N71-22985	US-PATENT-3,413,536		c03 N71-24605
US-PATENT-3,379,974		c14 N71-22990	US-PATENT-3,414,012	*************	C09 N71-23191
US-PATENT-3,380,042		CO7 N71-23001	US-PATENT-3,414,358		c14 N71-23175
US-PATENT-3,380,049		c10 N71-23099	US-PATENT-3,415,032	• • • • • • • • • • • • • • • • • • • •	c15 N7,1-23256
US-PATENT-3,381,339		c06 N71-22975	US-PATENT-3,415,069		c15 N71-24044
US-PATENT-3,381,517		c09 N71-22988	US-PATENT-3,415,116		c14 N71-23790
US-PATENT-3,381,527		c15 N71-22878	US-PATENT-3,415,126		c21 N71-23289
US-PATENT-3,381,569		c21 N71-22880	US-PATENT-3,415,156		c15 N71-24043
US-PATENT-3,381,778		c15 N71-22877	US-PATENT-3,415,643	******	c17 N71-23248
US-PATENT-3,382,082		c18 N71-22998	US-PATENT-3,416,106		c09 N71-24808
US-PATENT-3,382,105		C03 N71-29044	US-PATENT-3,416,274		c31 N71-24035
US-PATENT-3,382,107	*****	c03 N71-22974	US-PATENT-3,416,939		c18 N71-24183
US-PATENT-3,382,714		c14 N71-22989	US-PATENT-3,416,975		c17 N71-23828
OS-PATENT-3,383,461		c07 N71-23026	US-PATENT-3,416,988		c15 N71-24164
US-PATENT-3,383,524		c10 N71-23029	US-PATENT-3,417,247		c14 N71-23797
US-PATENT-3,383,903		c14 N71-23036	US-PATENT~3,417,266		c09 N71-23270
US-PATENT-3,383,922		c14 N71-22752	US-PATENT-3,417,298		c10 N71-23271
US-PATENT-3,384,016		· ¢31 N71-23008	US-PATENT-3,417,316		c14 N71-23174
US-PATENT-3,384,075		c05 N71-22896	US-PATENT-3,417,321		c09 N71-23316
US-PATENT-3,384,111.		c15 N71-22706	US-PATENT-3,417,332		c07 N71-23405
US-PATENT-3,384,324		c33 N71-22792	US-PATENT-3,417,399		c30 N71-23723
US-PATENT-3,384,820		-c09 N71-23021	US-PATENT-3,417,400		c07 N71-28809
US-PATENT-3,384,895		c07 N71-22984	US-PATENT-3,419,329		c14 N71-23268
US-PATENT-3,385,036		c15 N71-22721	US-PATENT-3,419,363		c18 N71-23710
US-PATENT-3,386,337		c15 N71-22799	US-PATENT-3,419,384		c17 N73-28573
OS-PATENT-3,386,685		c31 N71-22968	US-PATENT-3,419,433	,	c03 N71-23187
US-PATENT-3, 386, 686		c31 N71-22969	US-PATENT-3,419,537	*************	c06 N71-23500
US-PATENT-3,387,149		c14 N71-22993	US-PATENT-3,419,827		c09 N71-23548
US-PATENT-3,388,258		c14 N71-22996	US-PATENT-3,419,964	*********	c14 N69-21363
US-PATENT-3,388,387		c10 N71-23033	US-PATENT-3,419,992	*************	c14 N71-23401
US-PATENT-3,388,590	***************************************	c14 N71-23087	US-PATENT-3,420,069		c15 N69-21465
US-PATENT-3,389,017		c15 N71-23022	US-PATENT-3,420,223		c05 N69-21925
US-PATENT-3,389,260		c14 N71-23269	US-PATENT-3,420,225		c05 N69-21473
US-PATENT-3,389,346		c10 N71-28859	US-PATENT-3,420,253		c12 N69-21466
US-PATENT-3,389,877		c15 N71-28936	US-PATENT-3,420,338		c15 N71-26243
US-PATENT-3,390,017		c03 N71-23336	US-PATENT-3,420,471		c05 N69-21380
US-PATENT-3,390,020		c26 N71-23654	US-PATENT-3,420,704	4.4444444444	
US-PATENT-3,390,282		c09 N71-23311	US-PATENT-3,420,945		C15 N69-21460
US-PATENT-3,390,378		c08 N71-23295	US-PATENT-3,420,945		c09 N69-21542
US-PATENT-3,391,080		c15 N71-24046	US-PATENT-3,421,004		c15 N69-21471
US-PATENT-3,392,403	***********	c23 N71-23976			c14 N71-19568
US-PATENT-3,392,586		c14 N71-24232	US-PATENT-3,421,053	••••••	c15 N69-21472
US-PATENT-3,392,360	*************	c18 N71-24232	US-PATENT-3,421,056 US-PATENT-3,421,105		c14 N69-23191
US-PATENT-3,392,865		c15 N71-23816		••••••	c09 N69-21543
US-PATENT-3,392,936		c01 N71-23497	US-PATENT-3,421,134	**********	c09 N69-21470
		c06 N71-23499	US-PATENT-3,421,331		c15 N69-23190
US-PATENT-3,393,059		c22 N71-23599	US-PATENT-3,421,363	***********	c11 N69-21540
US-PATENT-3,393,330	*************		US-PATENT-3,421,506	• • • • • • • • • • • • • • • • • • • •	c05 N69-23192
US-PATENT-3,393,332		c09 N71-23443	US-PATENT~3,421,541		c15 N69-21924
US-PATENT-3,393,347	************	c10 N71-23543	US-PATENT-3,421,549	•••••	c03 N69-21469
US-PATENT-3,393,380		C10 N71-23544	US-PATENT-3,421,591		c14 N69-21923
US-PATENT-3,393,384		C09 N71-23573	US-PATENT-3,421,700		c15 N69-23185
OS-PATENT-3,394,286		c14 N73-30391	US-PATENT-3,421,768	**********	c15 N69-21362

D=PAIRST-1,43,186					
Description	044	017 N71-22006	US-PATRNT-3.439.886		c31 N69-27499
Comparison					
De-Part   1, 22, 278   CS   60-7-1845   US-Part   1, 24, 244   C12   277-2264   US-Part   1, 24, 244   US-Part					
Description   ACC   Part   AC		c09 N69-21468			
18-ABRET - 1-22.   22					
Comparison   Com					
10-PATERT-1, 422, 403					
02-PATENT-1, 422, 403	US-PATENT-3,422,334 US-Dampur-3,422,334				
05-PATSWT-1, 422, 400	11S-PATENT-3,422,403	c08 N69-21928			
95-PARENT-3, 423, 173					_ · · · _ · · _ · · · _ · · · · · · · ·
05-PARET-1, 423, 579	US-PATENT-3,423,179				
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US-PATENT-3, 424, 956  CIO \$77-20489  US-PATENT-3, 425, 1260  GS-PATENT-3, 426, 1260  GS-PATENT-3, 427, 1265  GS-PATENT-3, 428, 1262  GS-PATENT-3, 428					c05 N71-11207
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0S-PATENT-3 (425, 268	DS-PATENT-3.425.131				
US-PATENT-3_W25_W25					
US-PATENT-3, 445, 466	US-PATENT-3,425,272				
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US-PATENT-1, 425, 865					c18 N69-39895
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US-PATENT-3,428,923 C07 M69-27462 US-PATENT-3,452,023 C06 N73-30101 US-PATENT-3,429,177 C05 M69-39733 US-PATENT-3,428,272 C14 M69-39896 US-PATENT-3,429,477 C15 M69-27502 US-PATENT-3,430,172 C15 M69-39735 US-PATENT-3,430,163 C09 M69-27500 US-PATENT-3,430,172 C15 M69-39735 US-PATENT-3,430,115 C09 M69-27500 US-PATENT-3,430,163 C05 M69-27500 US-PATENT-3,430,180 C05 N71-12342 US-PATENT-3,430,131 C24 W71-20518 US-PATENT-3,430,131 C24 W71-20518 US-PATENT-3,430,131 US-PATENT-3,430,131 US-PATENT-3,430,131 US-PATENT-3,430,137 C15 M69-37974 US-PATENT-3,430,277 C08 W71-16687 US-PATENT-3,430,277 C08 W71-16687 US-PATENT-3,430,127 C07 M69-39974 US-PATENT-3,430,127 C08 W71-16687 US-PATENT-3,430,277 US-PATENT-3,430,270 US-PATENT-3,430,370 US-PATENT-3,430,370 US-PATENT-3,430,370 US-PATENT-3,430,370 US-PATENT-3,430,370 US-PATENT-3,430,370 US-PATENT-3,43					c09 N69-39897
US-PATENT-3, 429, 177					
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US-PAIRN-3,430,131					
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US-PATENT-3,430,182				*************	
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US-PATENT-3, 430,909					
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US-PATENT-3,431,559					
US-PATENT-3,431,559					
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US-PATENT-3,433,818					
US-PATENT-3, 433, 909					
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US-PATENT-3,434,664 US-PATENT-3,434,855 US-PATENT-3,434,885 US-PATENT-3,434,885 US-PATENT-3,434,885 US-PATENT-3,4361,855 US-PATENT-3,435,246 US-PATENT-3,435,246 US-PATENT-3,437,394 US-PATENT-3,437,527 US-PATENT-3,437,527 US-PATENT-3,437,527 US-PATENT-3,437,527 US-PATENT-3,437,527 US-PATENT-3,437,527 US-PATENT-3,437,560 US-PATENT-3,437,838 US-PATENT-3,437,838 US-PATENT-3,437,838 US-PATENT-3,437,839 US-PATENT-3,437,939 US-PATENT-3,437,939 US-PATENT-3,446,016 US-PATENT-3,437,935 US-PATENT-3,446,018 US-PATENT-3,446,018 US-PATENT-3,446,018 US-PATENT-3,446,018 US-PATENT-3,446,018 US-PATENT-3,446,018 US-PATENT-3,446,018 US-PATENT-3,446,018 US-PATENT-3,446,018 US-PATENT-3,446,051					
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US-PATENT-3,435,246	US-PATENT-3,434,855				
US-PATENT-3,437,394 C14 N69-27461 US-PATENT-3,463,673 C03 N71-20491 US-PATENT-3,437,527 C03 N69-24267 US-PATENT-3,463,679 C17 N71-24442 US-PATENT-3,437,560 C04 N69-27487 US-PATENT-3,463,761 C06 N73-30099 US-PATENT-3,437,818 C03 N71-23354 US-PATENT-3,463,762 C06 N73-30100 US-PATENT-3,437,832 C09 N69-27463 US-PATENT-3,463,762 C10 N71-19471 US-PATENT-3,437,374 C08 N71-20571 US-PATENT-3,464,012 C14 N71-26244 US-PATENT-3,437,903 C03 N69-25146 US-PATENT-3,464,016 C10 N71-19472 US-PATENT-3,437,919 C14 N69-27423 US-PATENT-3,464,018 C09 N71-23525 US-PATENT-3,437,935 C09 N69-24324 US-PATENT-3,464,018 C32 N71-15974 US-PATENT-3,437,959 C07 N69-24324 US-PATENT-3,464,051 C15 N71-17685 US-PATENT-3,438,044 C07 N69-27460 US-PATENT-3,465,482 C31 N71-16080					
US-PATENT-3,437,527					
US-PATENT-3,437,560					c17 N71-24142
US-PATENT-3,437,818					c06 N73-30099
US-PATENT-3,437,832	US-PATENT-3,437,818	 c03 N71-23354	US-PATENT-3,463,762		
US-PATENT-3,437,903	US-PATENT-3,437,832				
US-PATENT-3,437,919					
US-PATENT-3,437,935 C09 N69-24324 US-PATENT-3,464,049 C32 N71-15974 US-PATENT-3,437,959 C07 N69-24323 US-PATENT-3,464,051 C15 N71-17685 US-PATENT-3,438,044 C07 N69-27460 US-PATENT-3,465,482 C31 N71-16080					c09 N71-23525
US-PATENT-3,437,959 C07 N69-24323 US-PATENT-3,464,051 C15 R71-17685 US-PATENT-3,438,044 C07 N69-27460 US-PATENT-3,465,482 C31 R71-16080					c32 N71-15974
-15 N74 40579	US-PATENT-3,437,959	 c07 N69-24323	US-PATENT-3,464,051		
US-PATENT-3,438,263 C14 N71-20435   US-PATENT-3,465,567 C15 N/1-1837					
	US-PATENT-3,438,263	 CT4 N/T-20435	US-PATENT-3,465,56/		C12 W11-10312

US-PATENT-3,465,569		c14 N71-17659	US-PATENT-3,490,205		c14 x71-17588
US-PATENT-3,465,584		c14 N71-23726	US-PATENT-3,490,235	*************	c28 N71-14044
					c15 N70-22192
US-PATENT-3,465,638		c11 N71-18578	US-PATENT-3,490,238	***********	
US-PATENT-3,465,986		c31 N71-20396	US-PATENT-3,490,405		c15 N71-15597
US-PATENT-3,466,052		c15 N71-19570	US-PATENT-3,490,440		c05 N71-12346
US-PATENT-3,466,085		c05 N71-12343	US-PATENT-3,490,718	***********	c33 N71-14035
					c21 N71-14159
US-PATENT-3,466,198	40	c03 N71-19545	OS-PATENT-3,490,719	***********	
US-PATENT-3,466,243		c15 N71-23810	US-PATENT-3,490,721		c02 N71-11039
US-PATENT-3,466,418		c15 N71-18613	US-PATENT-3,490,939		c33 N71-14032
					c09 N71-12513
US-PATENT-3,466,424		c15 N71-20395	US-PATENT-3,490,965	********	
US-PATENT-3,466,459		c09 N71-26000	US-PATENT-3,491,202		c07 N71-12392
US-PATENT-3,466,484		c14 N71-18482	US-PATENT-3,491,255	************	c09 N71-12514
US-PATENT-3,466,560		C09 N71-19466	US-PATENT-3,491,335		c14 N71-15620
US-PATENT-3,466,570		c10 N71-25950	US-PATENT-3,491,857	***********	c14 N71-17626
US-PATENT-3,467,837		c05 N71-23317	US-PATENT-3,492,176		c27 N71-14090
US-PATENT-3,468,303		c09 N71-26002	US-PATENT-3,492,672		c05 N71-12344
US-PATENT-3,468,548			US-PATENT-3,492,739		c15 N71-15571
US-PATENT-3,468,609	**********	c16 N71-24170	US-PATENT-3,492,862		c14 N71-15600
US-PATENT-3,468,727		c14 N71-25892	US-PATENT-3,492,947		c28 N71-14058
US-PATENT-3,468,765		c17 N71-25903	US-PATENT-3,493,003		c15 N71-15609
					c12 N71-17579
US-PATENT-3,469,068		c15 N71-23815	US-PATENT-3,493,004		
US-PATENT-3,469,069		c15 N71-23798	OS-PATENT-3,493,012		c15 N71-15608
US-PATENT-3,469,087	*******	c16 N71-25914	US-PATENT-3,493,027		c31 N71-18611
US-PATENT-3,469,289		c15 N71-25975	US-PATENT-3,493,153		c05 N71-12351
				***************************************	c26 N71-14354
US-PATENT-3,469,375		c14 N71-18483	US-PATENT-3,493,155		
US-PATENT-3,469,436	,	c15 N71-23817	OS-PATENT-3,493,194		c21 N71-14132
US-PATENT-3,469,437		c14 N71-24234	US-PATENT-3,493,197		c02 N71-11043
US-PATENT-3,469,734		c11 N71-17600	US-PATENT-3,493,291		c14 N71-15622
					c14 N71-15605
US-PATENT-3,470,043	,	c15 N71-24047	US-PATENT-3,493,294	***********	
DS-PATENT-3,470,304		c14 N71-23267	US-PATENT-3,493,401		C18 N71-14014
US-PATENT-3,470,313		c07 N71-26579	US-PATENT-3,493,415		c15 N71-15610
US-PATENT-3,470,318		c07 N71-24612	US-PATENT-3,493,437	***********	c03 N71-11056
					c06 N71-11243
DS-PATENT-3,470,342		c09 N71-19610	US-PATENT-3,493,522	• • • • • • • • • • • • • • • • • • • •	
OS-PATENT-3,470,443		c03 N71-23239	US-PATENT-3,493,524		c06 N71-11242
DS-PATENT-3,470,446		c09 N71-23188	US-PATENT-3,493,665		c14 N71-15621
US-PATENT-3,470,466		c14 N71-23699	US-PATENT-3,493,677		c07 N71-11300
	*************		US-PATENT-3,493,711		c15 N71-14932
US-PATENT-3,470,475		c10 N71-19467			
US-PATENT-3,470,489		c09 N71-23598	US-PATENT-3,493,746		c15 N71-15606
US-PATENT-3,470,495		c10 N71-23669	US-PATENT-3,493,797	*****	c15 N71-17652
US-PATENT-3,470,496		c09 N71-19470	US-PATENT-3,493,805		c09 N71-12521
US-PATENT-3,471,856		c30 N71-16090	US-PATENT-3,493,901		c09 N71-12517
US-PATENT-3,471,858		c07 N71-12391	US-PATENT-3,493,929	*************	c08 N71-12505
US-PATENT-3,472,019		c10 N71-26326	US-PATENT-3,493,942		c08 N71-12504
US-PATENT-3,472,059		c14 N71-23755	US-PATENT-3,495,260		c21 N71-13958,
US-PATENT-3,472,060		c14 N71-26136	US-PATENT-3,495,262		c07 N71-12396
US-PATENT-3,472,069		c15 N71-20441	US-PATENT-3,500,020		c01 N71-13411
US-PATENT-3,472,080		c10 N71-26339	US-PATENT-3.500,525		c15 N71-17688
US-PATENT-3,472,086	*************	c15 N71-23809	US-PATENT-3,500,677	**********	c14 N71-17584
US-PATENT-3,472,140		c14 N71-26474	US-PATENT-3,500,686		c12 N71-17569
US-PATENT-3,472,202		c17 N71-24911	US-PATENT-3,500,688		c14 N71-17587
US-PATENT-3,472,372		c15 N71-20440	US-PATENT-3,500,747		c09 N71-18599
US-PATENT-3,472,470		c02 N71-20570	US-PATENT-3,500,827		c05 N71-11203
		c23 N71-24857			c15 N71-17693
US-PATENT-3,472,577					
US-PATENT-3,472,625		c06 N71-23527	US-PATENT-3,501,337		c15 N71-17695
US-PATENT-3,472,629		c14 N71-20442	US-PATENT-3,501,632	***********	c27 N71-16348
US-PATENT-3,472,698		c03 N71-23449	US-PATENT-3,501,641		c20 N71-16340
		c18 N71-26153	US-PATENT-3,501,648		c10 N71-24799
US-PATENT-3,472,709					
U5-PATENT-3,472,742		c17 N71-24830	US-PATENT-3,501,649		c10 N71-18723
US-PATENT-3,472,998	********	c16 N71-20400	US-PATENT-3,501,664		c14 N71-17585
US-PATENT-3,473,050		CO9 N71-20447	US-PATENT-3,501,683		c15 N71-17694
		c25 N71-20563	US-PATENT-3,501,684		
US-PATENT-3,473,116				••••••	c09 N71-26092
US-PATENT-3,473,165		c05 N71-26333	US-PATENT-3,501,701		c08 N71-18692
D5-PATENT-3,473,216		c15 N71-20443	US-PATENT-3,501,704	***********	c07 N71-11282
US-PATENT-3,473,379		c12 N71-26387	US-PATENT-3,501,712		c09 N71-19516
US-PATENT-3,473,758		CO3 N71-20273	US-PATENT-3,501,743		c09 N71-18843
US-PATENT-3,474,192	***************************************	c07 N71-26102	US-PATENT-3,501,750		c08 N71-19288
US-PATENT-5,474,220		c15 N71-19486	US-PATENT-3,501,752		c08 N71-18595
US-PATENT-3,474,328		c14 N71-26266	US-PATENT-3,501,764		c10 N71-18722
US-PATENT-3,474,357					c15 N71-17647
US-PATENT-3,474,413		c09 N71-20445	US-PATENT-3.502.051		
			US-PATENT-3,502,051		COS N71-11190
		c10 N71-26103	US-PATENT-3,502,074	************	c05 N71-11190
US-PATENT-3,474,441		c10 N71-26103 c08 N71-19544	US-PATENT-3,502,074 US-PATENT-3,502,141		c33 N71-16277
US-PATENT-3,474,441 US-PATENT-3,475,384		c10 N71-26103 c08 N71-19544 c06 N73-30103	US-PATENT-3,502,074 US-PATENT-3,502,141 US-PATENT-3,503,251		c33 N71-16277 c32 N71-16428
US-PATENT-3,474,441		c10 N71-26103 c08 N71-19544	US-PATENT-3,502,074 US-PATENT-3,502,141		c33 N71-16277
US-PATENT-3,474,441 US-PATENT-3,475,384 US-PATENT-3,480,789		c10 N71-26103 c08 N71-19544 c06 N73-30103	US-PATENT-3,502,074 US-PATENT-3,502,141 US-PATENT-3,503,251		c33 N71-16277 c32 N71-16428
US-PATENT-3,474,441 US-PATENT-3,475,384 US-PATENT-3,480,789 US-PATENT-3,481,638		c10 N71-26103 c08 N71-19544 c06 N73-30103 c10 N71-26626 c15 N71-26312	US-PATENT-3,502,074 US-PATENT-3,502,141 US-PATENT-3,503,251 US-PATENT-3,504,258 US-PATENT-3,504,983		c33 N71-16277 c32 N71-16428 c10 N71-18724 c23 N71-16341
US-PATENT-3,474,441 US-PATENT-3,475,384 US-PATENT-3,480,789 US-PATENT-3,481,638 US-PATENT-3,481,887		c10 N71-26103 c08 N71-19544 c06 N73-30103 c10 N71-26626 c15 N71-26312 c18 N71-26155	US-PATENT-3,502,074 US-PATENT-3,502,141 US-PATENT-3,503,251 US-PATENT-3,504,258 US-PATENT-3,504,983 US-PATENT-3,507,034		c33 N71-16277 c32 N71-16428 c10 N71-18724 c23 N71-16341 c15 N71-17650
US-PATENT-3,474,441 US-PATENT-3,475,384 US-PATENT-3,480,789 US-PATENT-3,481,638 US-PATENT-3,481,887 US-PATENT-3,482,179		c10 N71-26103 c08 N71-19544 c06 N73-30103 c10 N71-26626 c15 N71-26312 c18 N71-26155 c10 N71-26331	US-PATENT-3,502,074 US-PATENT-3,502,141 US-PATENT-3,503,251 US-PATENT-3,504,258 US-PATENT-3,504,983 US-PATENT-3,507,114		c33 N71-16277 c32 N71-16428 c10 N71-18724 c23 N71-16341 c15 N71-17650 c27 N71-16392
US-PATENT-3,474,441 US-PATENT-3,475,384 US-PATENT-3,480,789 US-PATENT-3,481,638 US-PATENT-3,481,887 US-PATENT-3,482,179 US-PATENT-3,483,535		c10 N71-26103 c08 N71-19544 c06 N73-30103 c10 N71-26626 c15 N71-26312 c18 N71-26331 c10 N71-26418	US-PATENT-3,502,074 US-PATENT-3,502,141 US-PATENT-3,504,251 US-PATENT-3,504,983 US-PATENT-3,507,034 US-PATENT-3,507,114 US-PATENT-3,507,146		c33 N71-16277 c32 N71-16428 c10 N71-18724 c23 N71-16341 c15 N71-17650 c27 N71-16392 c05 N71-11202
US-PATENT-3,474,441 US-PATENT-3,475,384 US-PATENT-3,480,789 US-PATENT-3,481,638 US-PATENT-3,481,887 US-PATENT-3,482,179		c10 N71-26103 c08 N71-19544 c06 N73-30103 c10 N71-26626 c15 N71-26312 c18 N71-26155 c10 N71-26331	US-PATENT-3,502,074 US-PATENT-3,502,141 US-PATENT-3,503,251 US-PATENT-3,504,258 US-PATENT-3,504,983 US-PATENT-3,507,114		c33 N71-16277 c32 N71-16428 c10 N71-18724 c23 N71-16341 c15 N71-17650 c27 N71-16392
US-PATENT-3,474,441 US-PATENT-3,475,384 US-PATENT-3,480,789 US-PATENT-3,481,638 US-PATENT-3,481,887 US-PATENT-3,482,179 US-PATENT-3,483,535 US-PATENT-3,484,712		c10 N71-26103 c08 N71-19544 c06 N73-30103 c10 N71-26626 c15 N71-26312 c18 N71-26331 c10 N71-26418	US-PATENT-3,502,074 US-PATENT-3,502,141 US-PATENT-3,504,251 US-PATENT-3,504,983 US-PATENT-3,507,034 US-PATENT-3,507,114 US-PATENT-3,507,146		c33 N71-16277 c32 N71-16428 c10 N71-18724 c23 N71-16341 c15 N71-17650 c27 N71-16392 c05 N71-11202
US-PATENT-3,474,441 US-PATENT-3,475,384 US-PATENT-3,480,789 US-PATENT-3,481,887 US-PATENT-3,482,179 US-PATENT-3,484,712 US-PATENT-3,484,712 US-PATENT-3,486,123		c10 N71-26103 c08 N71-19544 c06 N73-30103 c10 N71-26626 c15 N71-26312 c18 N71-26155 c10 N71-26331 c10 N71-26418 c10 N71-26474 c16 N71-24831	US-PATENT-3,502,074 US-PATENT-3,502,141 US-PATENT-3,504,258 US-PATENT-3,504,983 US-PATENT-3,507,034 US-PATENT-3,507,114 US-PATENT-3,507,146 US-PATENT-3,507,140 US-PATENT-3,507,425		c33 N71-16277 c32 N71-16428 c10 N71-18724 c23 N71-16341 c15 N71-17650 c27 N71-16392 c05 N71-11202 c20 N71-16281 c15 N71-17628
US-PATENT-3,474,441 US-PATENT-3,475,384 US-PATENT-3,480,789 US-PATENT-3,481,638 US-PATENT-3,481,637 US-PATENT-3,482,179 US-PATENT-3,484,712 US-PATENT-3,486,123 US-PATENT-3,487,216		c10 N71-26103 c08 N71-19544 c06 N73-30103 c10 N71-26626 c15 N71-26312 c18 N71-26331 c10 N71-26418 c10 N71-26474 c16 N71-24809	US-PATENT-3,502,074 US-PATENT-3,502,141 US-PATENT-3,504,258 US-PATENT-3,504,983 US-PATENT-3,507,034 US-PATENT-3,507,114 US-PATENT-3,507,146 US-PATENT-3,507,146 US-PATENT-3,507,436		C33 N71-16277 C32 N71-16428 C10 N71-18724 C23 N71-16341 C15 N71-17650 C27 N71-16392 C05 N71-11202 C20 N71-16281 C15 N71-17628 C08 N71-19420
US-PATENT-3,474,441 US-PATENT-3,475,384 US-PATENT-3,480,789 US-PATENT-3,481,887 US-PATENT-3,482,179 US-PATENT-3,484,712 US-PATENT-3,484,712 US-PATENT-3,484,7216 US-PATENT-3,487,216		c10 N71-26103 c08 N71-19544 c06 N73-30103 c10 N71-26626 c15 N71-26312 c18 N71-26351 c10 N71-26331 c10 N71-26418 c10 N71-26474 c16 N71-24831 c14 N71-24809 c15 N71-24695	US-PATENT-3,502,074 US-PATENT-3,502,141 US-PATENT-3,504,258 US-PATENT-3,504,983 US-PATENT-3,507,034 US-PATENT-3,507,114 US-PATENT-3,507,114 US-PATENT-3,507,150 US-PATENT-3,507,425 US-PATENT-3,507,426 US-PATENT-3,507,704		C33 N71-16277 C32 N71-16428 C10 N71-18724 C23 N71-16341 C15 N71-17650 C27 N71-16392 C05 N71-11202 C20 N71-16281 C15 N71-17628 C08 N71-19420 C03 N71-11052
US-PATENT-3,474,441 US-PATENT-3,475,384 US-PATENT-3,480,789 US-PATENT-3,481,638 US-PATENT-3,482,179 US-PATENT-3,482,179 US-PATENT-3,484,732 US-PATENT-3,484,712 US-PATENT-3,486,123 US-PATENT-3,487,216 US-PATENT-3,487,281		c10 N71-26103 c08 N71-19544 c06 N73-30103 c10 N71-26626 c15 N71-26312 c18 N71-26155 c10 N71-26311 c10 N71-26418 c10 N71-26474 c16 N71-24831 c14 N71-24809 c15 N71-24695 c10 N71-25139	US-PATENT-3,502,074 US-PATENT-3,502,441 US-PATENT-3,504,258 US-PATENT-3,504,983 US-PATENT-3,507,034 US-PATENT-3,507,114 US-PATENT-3,507,114 US-PATENT-3,507,125 US-PATENT-3,507,425 US-PATENT-3,507,436 US-PATENT-3,507,704 US-PATENT-3,507,706		C33 N71-16277 C32 N71-16428 C10 N71-18724 C23 N71-16341 C15 N71-17650 C27 N71-11022 C20 N71-16281 C15 N71-17628 C08 N71-19420 C03 N71-11052 C03 N71-18698
US-PATENT-3,474,441 US-PATENT-3,475,384 US-PATENT-3,480,789 US-PATENT-3,481,887 US-PATENT-3,482,179 US-PATENT-3,482,179 US-PATENT-3,484,712 US-PATENT-3,484,712 US-PATENT-3,487,281 US-PATENT-3,487,288 US-PATENT-3,487,288		c10 N71-26103 c08 N71-19544 c06 N73-30103 c10 N71-26626 c15 N71-26312 c18 N71-26331 c10 N71-26418 c10 N71-26474 c16 N71-24801 c15 N71-24695 c10 N71-24695 c10 N71-2696	US-PATENT-3,502,074 US-PATENT-3,502,441 US-PATENT-3,504,258 US-PATENT-3,504,283 US-PATENT-3,507,034 US-PATENT-3,507,114 US-PATENT-3,507,146 US-PATENT-3,507,425 US-PATENT-3,507,425 US-PATENT-3,507,704 US-PATENT-3,507,706 US-PATENT-3,507,706		C33 N71-16277 C32 N71-16428 C10 N71-18724 C23 N71-16341 C15 N71-17650 C27 N71-16392 C05 N71-16281 C15 N71-17628 C08 N71-17628 C08 N71-19420 C03 N71-18698 C08 N71-18698
US-PATENT-3,474,441 US-PATENT-3,475,384 US-PATENT-3,480,789 US-PATENT-3,481,638 US-PATENT-3,482,179 US-PATENT-3,482,179 US-PATENT-3,484,732 US-PATENT-3,484,712 US-PATENT-3,486,123 US-PATENT-3,487,216 US-PATENT-3,487,281		c10 N71-26103 c08 N71-19544 c06 N73-30103 c10 N71-26626 c15 N71-26312 c18 N71-26155 c10 N71-26311 c10 N71-26418 c10 N71-26474 c16 N71-24831 c14 N71-24809 c15 N71-24695 c10 N71-25139	US-PATENT-3,502,074 US-PATENT-3,502,441 US-PATENT-3,504,258 US-PATENT-3,504,983 US-PATENT-3,507,034 US-PATENT-3,507,114 US-PATENT-3,507,114 US-PATENT-3,507,125 US-PATENT-3,507,425 US-PATENT-3,507,436 US-PATENT-3,507,704 US-PATENT-3,507,706		C33 N71-16277 C32 N71-16428 C10 N71-18724 C23 N71-16341 C15 N71-17650 C27 N71-11022 C20 N71-16281 C15 N71-17628 C08 N71-19420 C03 N71-11052 C03 N71-18698
US-PATENT-3,474,441 US-PATENT-3,475,384 US-PATENT-3,480,789 US-PATENT-3,481,638 US-PATENT-3,482,179 US-PATENT-3,484,712 US-PATENT-3,484,712 US-PATENT-3,487,216 US-PATENT-3,487,288 US-PATENT-3,487,288 US-PATENT-3,487,288		c10 N71-26103 c08 N71-19544 c06 N73-30103 c10 N71-26626 c15 N71-26312 c18 N71-26331 c10 N71-26418 c10 N71-26474 c16 N71-24801 c15 N71-24695 c10 N71-24695 c10 N71-2696	US-PATENT-3,502,074 US-PATENT-3,502,441 US-PATENT-3,504,258 US-PATENT-3,504,283 US-PATENT-3,507,034 US-PATENT-3,507,114 US-PATENT-3,507,146 US-PATENT-3,507,425 US-PATENT-3,507,425 US-PATENT-3,507,704 US-PATENT-3,507,706 US-PATENT-3,507,706		C33 N71-16277 C32 N71-16428 C10 N71-18724 C23 N71-16341 C15 N71-17650 C27 N71-16392 C05 N71-16281 C15 N71-17628 C08 N71-17628 C08 N71-19420 C03 N71-18698 C08 N71-18698
US-PATENT-3,474,441 US-PATENT-3,475,384 US-PATENT-3,480,789 US-PATENT-3,481,837 US-PATENT-3,482,179 US-PATENT-3,483,535 US-PATENT-3,484,712 US-PATENT-3,484,712 US-PATENT-3,487,216 US-PATENT-3,487,281 US-PATENT-3,487,281 US-PATENT-3,487,281 US-PATENT-3,487,281 US-PATENT-3,487,281		c10 N71-26103 c08 N71-19544 c06 N73-30103 c10 N71-26626 c15 N71-26312 c18 N71-26315 c10 N71-26331 c10 N71-26418 c10 N71-26474 c16 N71-24831 c14 W71-24809 c15 N71-24695 c10 W71-25139 c15 N71-17696 c14 N71-17607	US-PATENT-3,502,074 US-PATENT-3,502,441 US-PATENT-3,504,258 US-PATENT-3,504,983 US-PATENT-3,507,034 US-PATENT-3,507,114 US-PATENT-3,507,146 US-PATENT-3,507,425 US-PATENT-3,507,426 US-PATENT-3,507,704 US-PATENT-3,507,704 US-PATENT-3,507,706 US-PATENT-3,507,706 US-PATENT-3,508,039 US-PATENT-3,508,039		C33 N71-16277 C32 N71-16428 C10 N71-18724 C23 N71-16341 C15 N71-16392 C27 N71-16392 C20 N71-11202 C20 N71-11202 C20 N71-116281 C15 N71-17628 C08 N71-19420 C03 N71-11052 C03 N71-18698 C08 N71-18698 C08 N71-18693 C08 N71-18830
US-PATENT-3,474,441 US-PATENT-3,475,384 US-PATENT-3,480,789 US-PATENT-3,481,638 US-PATENT-3,482,179 US-PATENT-3,482,179 US-PATENT-3,484,712 US-PATENT-3,484,712 US-PATENT-3,487,281 US-PATENT-3,487,281 US-PATENT-3,487,680 US-PATENT-3,487,680 US-PATENT-3,488,103 US-PATENT-3,488,103 US-PATENT-3,488,103 US-PATENT-3,488,123 US-PATENT-3,488,123		c10 N71-26103 c08 N71-19544 c06 N73-30103 c10 N71-26626 c15 N71-26312 c18 N71-26155 c10 N71-26418 c10 N71-26418 c10 N71-24831 c14 N71-24809 c15 N71-24695 c10 N71-25139 c15 N71-17696 c14 N71-15604 c14 N71-15604 c15 N71-17803	US-PATENT-3,502,074 US-PATENT-3,502,441 US-PATENT-3,504,258 US-PATENT-3,504,983 US-PATENT-3,507,034 US-PATENT-3,507,114 US-PATENT-3,507,146 US-PATENT-3,507,425 US-PATENT-3,507,425 US-PATENT-3,507,704 US-PATENT-3,507,706 US-PATENT-3,507,706 US-PATENT-3,508,036 US-PATENT-3,508,036 US-PATENT-3,508,036 US-PATENT-3,508,035 US-PATENT-3,508,053		C33 N71-16277 C32 N71-16428 C10 N71-18724 C23 N71-16341 C15 N71-17650 C27 N71-16392 C20 N71-16281 C15 N71-17628 C08 N71-19420 C03 N71-18698 C08 N71-18693 C08 N71-19437 C09 N71-19437 C09 N71-19437
US-PATENT-3,474,441 US-PATENT-3,475,384 US-PATENT-3,480,789 US-PATENT-3,481,887 US-PATENT-3,482,179 US-PATENT-3,484,712 US-PATENT-3,484,712 US-PATENT-3,486,123 US-PATENT-3,487,281 US-PATENT-3,487,281 US-PATENT-3,488,103 US-PATENT-3,488,103 US-PATENT-3,488,103 US-PATENT-3,488,103 US-PATENT-3,488,103 US-PATENT-3,488,123		c10 N71-26103 c08 N71-19544 c06 N73-30103 c10 N71-26626 c15 N71-26312 c18 N71-26331 c10 N71-26331 c10 N71-26418 c10 N71-24831 c14 N71-24831 c14 N71-24809 c15 N71-24695 c10 N71-25139 c15 N71-17696 c14 N71-15604 c14 N71-17627 c15 N71-17803 c09 N71-12518	US-PATENT-3,502,074 US-PATENT-3,502,141 US-PATENT-3,504,258 US-PATENT-3,504,983 US-PATENT-3,507,034 US-PATENT-3,507,114 US-PATENT-3,507,146 US-PATENT-3,507,146 US-PATENT-3,507,425 US-PATENT-3,507,704 US-PATENT-3,507,706 US-PATENT-3,508,036 US-PATENT-3,508,036 US-PATENT-3,508,036 US-PATENT-3,508,039 US-PATENT-3,508,039 US-PATENT-3,508,039 US-PATENT-3,508,039 US-PATENT-3,508,039		C33 N71-16277 C32 N71-16428 C10 N71-18724 C23 N71-16341 C15 N71-17650 C27 N71-16392 C05 N71-16281 C15 N71-17628 C08 N71-17628 C08 N71-18698 C08 N71-18693 C08 N71-18693 C08 N71-18830 C03 N71-11057 C07 N71-11266
US-PATENT-3,474,441 US-PATENT-3,475,384 US-PATENT-3,480,789 US-PATENT-3,481,887 US-PATENT-3,482,179 US-PATENT-3,484,712 US-PATENT-3,484,712 US-PATENT-3,487,216 US-PATENT-3,487,281 US-PATENT-3,487,281 US-PATENT-3,487,280 US-PATENT-3,487,880 US-PATENT-3,488,103 US-PATENT-3,488,103 US-PATENT-3,488,103 US-PATENT-3,488,414 US-PATENT-3,488,410		c10 N71-26103 c08 N71-19544 c06 N73-30103 c10 N71-26626 c15 N71-26312 c18 N71-26331 c10 N71-26331 c10 N71-26418 c10 N71-26474 c16 N71-24831 c14 W71-24809 c15 N71-24695 c10 N71-25139 c15 N71-17696 c14 N71-17696 c14 N71-17607 c15 N71-17607 c15 N71-17607	US-PATENT-3,502,074 US-PATENT-3,502,141 US-PATENT-3,504,258 US-PATENT-3,504,983 US-PATENT-3,507,034 US-PATENT-3,507,114 US-PATENT-3,507,146 US-PATENT-3,507,150 US-PATENT-3,507,425 US-PATENT-3,507,704 US-PATENT-3,507,704 US-PATENT-3,507,704 US-PATENT-3,508,036 US-PATENT-3,508,036 US-PATENT-3,508,039 US-PATENT-3,508,053 US-PATENT-3,508,053 US-PATENT-3,508,070 US-PATENT-3,508,070		C33 N71-16277 C32 N71-16428 C10 N71-18724 C23 N71-16341 C15 N71-16392 C05 N71-116392 C20 N71-16281 C15 N71-17628 C08 N71-19420 C03 N71-11052 C03 N71-18698 C08 N71-19437 C09 N71-11057 C07 N71-11267
US-PATENT-3,474,441 US-PATENT-3,475,384 US-PATENT-3,480,789 US-PATENT-3,481,887 US-PATENT-3,482,179 US-PATENT-3,484,712 US-PATENT-3,484,712 US-PATENT-3,486,123 US-PATENT-3,487,281 US-PATENT-3,487,281 US-PATENT-3,488,103 US-PATENT-3,488,103 US-PATENT-3,488,103 US-PATENT-3,488,103 US-PATENT-3,488,103 US-PATENT-3,488,123		c10 N71-26103 c08 N71-19544 c06 N73-30103 c10 N71-26626 c15 N71-26312 c18 N71-26331 c10 N71-26331 c10 N71-26418 c10 N71-24831 c14 N71-24831 c14 N71-24809 c15 N71-24695 c10 N71-25139 c15 N71-17696 c14 N71-15604 c14 N71-17627 c15 N71-17803 c09 N71-12518	US-PATENT-3,502,074 US-PATENT-3,502,141 US-PATENT-3,504,258 US-PATENT-3,504,983 US-PATENT-3,507,034 US-PATENT-3,507,114 US-PATENT-3,507,146 US-PATENT-3,507,146 US-PATENT-3,507,425 US-PATENT-3,507,704 US-PATENT-3,507,706 US-PATENT-3,508,036 US-PATENT-3,508,036 US-PATENT-3,508,036 US-PATENT-3,508,039 US-PATENT-3,508,039 US-PATENT-3,508,039 US-PATENT-3,508,039 US-PATENT-3,508,039		C33 N71-16277 C32 N71-16428 C10 N71-18724 C23 N71-16341 C15 N71-17650 C27 N71-16392 C05 N71-16281 C15 N71-17628 C08 N71-17628 C08 N71-18698 C08 N71-18693 C08 N71-18693 C08 N71-18830 C03 N71-11057 C07 N71-11266

US-PATENT-3,508,402		c33 N71-16104	US-PATENT-3,532,979		c10 N71-12554
US-PATENT-3,508,541		c05 N71-11193	US-PATENT-3,532,985		c07 N71-19773
US-PATENT-3,508,578		c32 N71-16103	US-PATENT-3,533,001		c07 N71-24583
US-PATENT-3,508,723		c31 N71-16222	US-PATENT-3,533,006		c10 N72-28241
US-PATENT-3,508,724		c02 N71-11037	US-PATENT-3,533,074		c08 N71-12502
US-PATENT-3,508,739		c15 N71-17648	US-PATENT-3,533,093		c10 N71-19417
US-PATENT-3,508,779		c15 N71-24897	US-PATENT-3,533,098		c08 N71-18594
US-PATENT-3,508,940	4	c18 N71-16124	US-PATENT-3,534,365		c07 N71-19854
US-PATENT-3,508,955		c18 N71-16105	US-PATENT-3,534,367		c02 N71-19287
US-PATENT-3,508,999		c15 N71-17687	US-PATENT-3,534,375		c07 N71-11285
US-PATENT-3,509,034		c14 N71-17575	US-PATENT-3,534,376		c07 N71-26101
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US-PATENT-3,509,419		c24 N71-16213	US-PATENT-3,534,407	************	c05 N71-11194
		c23 N71-16099	US-PATENT-3,534,479		c14 N71-17657
US-PATENT-3,509,469 US-PATENT-3,509,475		c09 N71-24596	US-PATENT-3,534,480		c14 N71-17658
	*************	c09 N71-18721	US-PATENT-3,534,485		c11 N71-18773
US-PATENT-3,509,491		c08 N71-18694	US-PATENT-3,534,555		c12 N71-17631
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US-PATENT-3,509,558		C09 N71-18720	US-PATENT-3,534,585		c14 N71-17701
US-PATENT-3,509,570		c07 N71-19493			c14 N71-17656
US-PATENT-3,509,578	***************************************		US-PATENT-3,534,592		c14 N71-17586
US-PATENT-3,512,009		c08 N71-18751	US-PATENT-3,534,596	-	
US-PATENT-3,516,091		c05 N71-24623	US-PATENT-3,534,597	***********	c31 N71-15643
US-PATENT-3,516,179		c11 N71-19494	US-PATENT-3,534,650	************	c15 N71-17653
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US-PATENT-3,516,284		c12 N71-17573	US-PATENT-3,534,727		c05 N71-11189
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US-PATENT-3,560,161 US-PATENT-3,561,828 US-PATENT-3,562,575 US-PATENT-3,562,631 US-PATENT-3,562,857 US-PATENT-3,562,881 US-PATENT-3,562,919		c06 N71-26754 c15 N71-26189 c09 N71-26182 c14 N71-26137 c15 N71-26721 c09 N71-26678 c15 N71-26145 c15 N71-27147 c18 N71-26285 c05 N71-27234	US-PATENT-3,574,286 US-PATENT-3,574,448 US-PATENT-3,574,448 US-PATENT-3,574,462 US-PATENT-3,574,470 US-PATENT-3,574,770 US-PATENT-3,575,336 US-PATENT-3,575,585 US-PATENT-3,575,597		c11 N71-27036 c07 N71-29065 c23 N71-29123 c14 N71-29041 c23 N71-29125 c14 N71-28993 c06 N71-27254 c15 N71-27214 c14 N71-27050 c14 N71-27090
US-PATENT-3,560,161 US-PATENT-3,561,628 US-PATENT-3,562,575 US-PATENT-3,562,837 US-PATENT-3,562,887 US-PATENT-3,562,919 US-PATENT-3,563,135 US-PATENT-3,563,135		c06 N71-26754 c15 N71-26189 c09 N71-26182 c14 N71-26137 c15 N71-26721 c09 N71-26678 c15 N71-26145 c15 N71-27147 c18 N71-26285 c05 N71-27234 c15 N71-26611	US-PATENT-3,574,286 US-PATENT-3,574,448 US-PATENT-3,574,446 US-PATENT-3,574,467 US-PATENT-3,574,470 US-PATENT-3,575,336 US-PATENT-3,575,336 US-PATENT-3,575,585 US-PATENT-3,575,660		c11 N71-27036 c07 N71-29065 c23 N71-29123 c14 N71-29124 c23 N71-29125 c14 N71-28993 c06 N71-27254 c15 N71-27214 c14 N71-27050 c14 N71-27090 c16 N71-27183
US-PATENT-3,560,161 US-PATENT-3,561,828 US-PATENT-3,562,575 US-PATENT-3,562,857 US-PATENT-3,562,881 US-PATENT-3,562,139 US-PATENT-3,563,135 US-PATENT-3,563,136 US-PATENT-3,563,232		c06 N71-26754 c15 N71-26189 c09 N71-26182 c14 N71-26137 c15 N71-26721 c09 N71-26678 c15 N71-26145 c15 N71-27147 c18 N71-26285 c05 N71-27234 c15 N71-26611 c14 N71-26788	US-PATENT-3,574,286 US-PATENT-3,574,448 US-PATENT-3,574,446 US-PATENT-3,574,467 US-PATENT-3,574,470 US-PATENT-3,575,336 US-PATENT-3,575,336 US-PATENT-3,575,597 US-PATENT-3,575,597 US-PATENT-3,575,602 US-PATENT-3,575,602		c11 N71-27036 c07 N71-29065 c23 N71-29123 c14 N71-29041 c23 N71-29125 c14 N71-28993 c06 N71-27254 c15 N71-27214 c14 N71-27058 c14 N71-27050 c16 N71-27183 c09 N71-26133
US-PATENT-3,560,161 US-PATENT-3,562,875 US-PATENT-3,562,631 US-PATENT-3,562,887 US-PATENT-3,562,887 US-PATENT-3,562,887 US-PATENT-3,563,135 US-PATENT-3,563,135 US-PATENT-3,563,138 US-PATENT-3,563,138		c06 N71-26754 c15 N71-26189 c09 N71-26182 c14 N71-26137 c15 N71-26721 c09 N71-26678 c15 N71-26145 c15 N71-27147 c18 N71-26285 c05 N71-27234 c15 N71-26611 c14 N71-26788 c15 N71-27184	US-PATENT-3,574,286 US-PATENT-3,574,448 US-PATENT-3,574,446 US-PATENT-3,574,467 US-PATENT-3,574,470 US-PATENT-3,575,336 US-PATENT-3,575,336 US-PATENT-3,575,585 US-PATENT-3,575,660		c11 N71-27036 c07 N71-29065 c23 N71-29123 c14 N71-29124 c23 N71-29125 c14 N71-28993 c06 N71-27254 c15 N71-27214 c14 N71-27050 c14 N71-27090 c16 N71-27183
US-PATENT-3,560,161 US-PATENT-3,561,828 US-PATENT-3,562,575 US-PATENT-3,562,831 US-PATENT-3,562,887 US-PATENT-3,562,819 US-PATENT-3,563,135 US-PATENT-3,563,135 US-PATENT-3,563,232 US-PATENT-3,563,307 US-PATENT-3,563,307 US-PATENT-3,563,3668 US-PATENT-3,563,727		c06 N71-26754 c15 N71-26189 c09 N71-26182 c14 N71-26137 c15 N71-26721 c09 N71-26678 c15 N71-26145 c15 N71-27147 c18 N71-26285 c05 N71-27234 c15 N71-26611 c14 N71-26788	US-PATENT-3,574,286 US-PATENT-3,574,448 US-PATENT-3,574,446 US-PATENT-3,574,467 US-PATENT-3,574,470 US-PATENT-3,575,336 US-PATENT-3,575,336 US-PATENT-3,575,597 US-PATENT-3,575,597 US-PATENT-3,575,602 US-PATENT-3,575,602		c11 N71-27036 c07 N71-29065 c23 N71-29123 c14 N71-29041 c23 N71-29125 c14 N71-28993 c06 N71-27254 c15 N71-27214 c14 N71-27058 c14 N71-27050 c16 N71-27183 c09 N71-26133
US-PATENT-3,560,161 US-PATENT-3,561,828 US-PATENT-3,562,575 US-PATENT-3,562,857 US-PATENT-3,562,857 US-PATENT-3,562,811 US-PATENT-3,563,135 US-PATENT-3,563,135 US-PATENT-3,563,232 US-PATENT-3,563,367 US-PATENT-3,563,668		c06 N71-26754 c15 N71-26189 c09 N71-26182 c14 N71-26137 c15 N71-26721 c09 N71-26678 c15 N71-26145 c15 N71-27147 c18 N71-26285 c05 N71-27234 c15 N71-26611 c14 N71-26788 c15 N71-27184 c06 N71-27363 c09 N71-26787	US-PATENT-3,574,286 US-PATENT-3,574,448 US-PATENT-3,574,446 US-PATENT-3,574,467 US-PATENT-3,574,470 US-PATENT-3,575,336 US-PATENT-3,575,336 US-PATENT-3,575,585 US-PATENT-3,575,662 US-PATENT-3,575,641 US-PATENT-3,575,641 US-PATENT-3,576,107		c11 N71-27036 c07 N71-29065 c23 N71-29123 c14 N71-29041 c23 N71-29125 c14 N71-28993 c06 N71-27254 c15 N71-27254 c14 N71-27058 c14 N71-27090 c16 N71-27183 c09 N71-26133
US-PATENT-3,560,161 US-PATENT-3,561,828 US-PATENT-3,562,875 US-PATENT-3,562,857 US-PATENT-3,562,887 US-PATENT-3,562,811 US-PATENT-3,563,135 US-PATENT-3,563,135 US-PATENT-3,563,232 US-PATENT-3,563,367 US-PATENT-3,563,368 US-PATENT-3,563,727 US-PATENT-3,563,727 US-PATENT-3,563,718 US-PATENT-3,563,918		c06 N71-26754 c15 N71-26189 c09 N71-26182 c14 N71-26137 c15 N71-26721 c09 N71-26678 c15 N71-26145 c15 N71-27147 c18 N71-26285 c05 N71-2734 c15 N71-26611 c14 N71-26788 c15 N71-27363 c09 N71-26787 c14 N71-26787	US-PATENT-3,574,286 US-PATENT-3,574,438 US-PATENT-3,574,446 US-PATENT-3,574,447 US-PATENT-3,574,470 US-PATENT-3,575,336 US-PATENT-3,575,597 US-PATENT-3,575,662 US-PATENT-3,575,661 US-PATENT-3,575,661 US-PATENT-3,575,661 US-PATENT-3,576,107 US-PATENT-3,576,107 US-PATENT-3,576,127		C11 N71-27036 C07 N71-29065 C23 N71-29123 C14 N71-29041 C23 N71-29125 C14 N71-28993 C06 N71-27254 C15 N71-27214 C14 N71-27050 C16 N71-27183 C09 N71-26133 C10 N71-26133 C28 N71-26161 C15 N71-26635
US-PATENT-3,560,161 US-PATENT-3,561,028 US-PATENT-3,562,575 US-PATENT-3,562,857 US-PATENT-3,562,857 US-PATENT-3,562,819 US-PATENT-3,563,135 US-PATENT-3,563,135 US-PATENT-3,563,232 US-PATENT-3,563,307 US-PATENT-3,563,307 US-PATENT-3,563,918 US-PATENT-3,564,401 US-PATENT-3,564,401 US-PATENT-3,564,401		c06 N71-26754 c15 N71-26189 c09 N71-26182 c14 N71-26137 c15 N71-26721 c09 N71-2678 c15 N71-27147 c18 N71-26285 c05 N71-27234 c15 N71-276611 c14 N71-26788 c15 N71-27363 c09 N71-27363 c09 N71-26135 c14 N71-26774	US-PATENT-3,574,286 US-PATENT-3,574,438 US-PATENT-3,574,448 US-PATENT-3,574,4467 US-PATENT-3,574,470 US-PATENT-3,575,336 US-PATENT-3,575,597 US-PATENT-3,575,602 US-PATENT-3,575,602 US-PATENT-3,575,602 US-PATENT-3,575,6107 US-PATENT-3,576,107 US-PATENT-3,576,107 US-PATENT-3,576,127 US-PATENT-3,576,125 US-PATENT-3,576,135 US-PATENT-3,576,135		C11 N71-27036 C07 N71-29065 C23 N71-29123 C14 N71-29041 C23 N71-29125 C14 N71-27254 C15 N71-27254 C15 N71-27254 C14 N71-27058 C14 N71-27058 C14 N71-27090 C16 N71-26133 C10 N71-26334 C28 N71-26781 C14 N71-26635 C02 N71-266110
US-PATENT-3,560,161 US-PATENT-3,561,828 US-PATENT-3,562,575 US-PATENT-3,562,857 US-PATENT-3,562,857 US-PATENT-3,562,811 US-PATENT-3,563,919 US-PATENT-3,563,198 US-PATENT-3,563,232 US-PATENT-3,563,367 US-PATENT-3,563,3668 US-PATENT-3,563,727 US-PATENT-3,563,727 US-PATENT-3,563,918 US-PATENT-3,564,401		c06 N71-26754 c15 N71-26189 c09 N71-26182 c14 N71-26137 c15 N71-26721 c09 N71-26678 c15 N71-27147 c18 N71-26285 c05 N71-27234 c15 N71-26788 c15 N71-26788 c15 N71-26788 c16 N71-26787 c14 N71-26787 c14 N71-26774 c15 N71-26774 c15 N71-26774	US-PATENT-3,574,286 US-PATENT-3,574,448 US-PATENT-3,574,446 US-PATENT-3,574,467 US-PATENT-3,574,467 US-PATENT-3,574,4770 US-PATENT-3,575,336 US-PATENT-3,575,587 US-PATENT-3,575,602 US-PATENT-3,575,602 US-PATENT-3,575,641 US-PATENT-3,576,107 US-PATENT-3,576,107 US-PATENT-3,576,107 US-PATENT-3,576,107 US-PATENT-3,576,105 US-PATENT-3,576,105 US-PATENT-3,576,105		C11 N71-27036 C07 N71-29065 C23 N71-29123 C14 N71-29041 C23 N71-29125 C14 N71-28993 C06 N71-27254 C15 N71-27254 C14 N71-27050 C14 N71-27050 C14 N71-27183 C09 N71-26133 C10 N71-26334 C28 N71-26781 C14 N71-26661 C15 N71-26615 C02 N71-26110 C18 N71-26172
US-PATENT-3,560,161 US-PATENT-3,561,028 US-PATENT-3,562,575 US-PATENT-3,562,857 US-PATENT-3,562,857 US-PATENT-3,562,819 US-PATENT-3,563,135 US-PATENT-3,563,135 US-PATENT-3,563,232 US-PATENT-3,563,307 US-PATENT-3,563,307 US-PATENT-3,563,918 US-PATENT-3,564,401 US-PATENT-3,564,401 US-PATENT-3,564,401		c06 N71-26754 c15 N71-26189 c09 N71-26182 c14 N71-26137 c15 N71-26721 c09 N71-2678 c15 N71-27147 c18 N71-26285 c05 N71-27234 c15 N71-276611 c14 N71-26788 c15 N71-27363 c09 N71-27363 c09 N71-26135 c14 N71-26774	US-PATENT-3,574,286 US-PATENT-3,574,438 US-PATENT-3,574,448 US-PATENT-3,574,4467 US-PATENT-3,574,470 US-PATENT-3,575,336 US-PATENT-3,575,597 US-PATENT-3,575,602 US-PATENT-3,575,602 US-PATENT-3,575,602 US-PATENT-3,575,6107 US-PATENT-3,576,107 US-PATENT-3,576,107 US-PATENT-3,576,127 US-PATENT-3,576,125 US-PATENT-3,576,135 US-PATENT-3,576,135		C11 N71-27036 C07 N71-29065 C23 N71-29123 C14 N71-29041 C23 N71-29125 C14 N71-27254 C15 N71-27254 C15 N71-27254 C14 N71-27058 C14 N71-27058 C14 N71-27090 C16 N71-26133 C10 N71-26334 C28 N71-26781 C14 N71-26635 C02 N71-266110

2 504 707	•	-05 W21-29691 N	US-PATENT-3,603,433		c15 N72-17450
US-PATENT-3,576,723	************	C09 N71-28691	US-PATENT-3,603,532		c30 N72-17873
US-PATENT-3,576,786		C06 N71-28620			c14 \$72~17326
US-PATENT-3,577,014		c10 N71-28860	US-PATENT-3,603,683 US-PATENT-3,603,686		c16 N72-13437
US-PATENT-3,577,092	**********	C07 N71-28430			
US-PATENT-3,577,356		c06 N73-30102	US-PATENT-3,603,690	***************************************	c14 M72-17323 c07 M72-17109
US-PATENT-3,578,755		c14 N71-29134	US-PATENT-3,603,722	•••••	
US-PATENT-3,578,756	*****	c11 N71-28629	US-PATENT-3,603,772		c08 N72-22166
US-PATENT-3,578,758		c14 N71-28992	US-PATENT-3,603,798		c09 #72-17152
US-PATENT-3,578,838		c16 N71-29131	US-PATENT-3,603,864	***********	c09 N72-17154
US-PATENT-3,578,867		c14 N71-28994	US-PATENT-3,603,892		c09 N72-17155
US-PATENT-3,578,957		c08 N71-29033	US-PATENT-3,603,946	************	G09 N72-17153
US-PATENT-3,578,988		c09 N71-29139	OS-PATENT-3,603,974		c14 N72-18411
US-PATENT-3,578,992		. c09 N71-28421	US-PATENT-3,603,976		c08 N72-18184
US-PATENT-3,579,028		c25 N71-29181	US-PATENT-3,605,032		c10 N72-17172
US-PATENT-3,579,041		CD9 N71-29008	US-PATENT-3,605,424		c15 N72-17453
US-PATENT-3,579,103		c14 N71-28991	OS-PATENT-3,605,482		c14 N72-16282
US-PATENT-3,579,122		C08 N71-29034	US-PATENT-3,605,495		c14 372-17327
		C08 N71-29138	US-PATENT-3,605,519		c14 N72-17324
US-PATENT-3,579,146		c07 N71-28429	US-PATENT-3,606,212		c31 N72-18859
US-PATENT-3,579,147		c09 N71-29035	US-PATENT-3,606,522	************	c23 N72-23695
US-PATENT-3,579,168		C07 N71-28980	US-PATENT-3,606,979	************	c15 N72-17454
US-PATENT-3,579,242			US-PATENT-3,607,015		c06 N72-17093
OS-PATENT-3,579,390		c18 N71-28729			c06 N72-17094
US-PATENT-3,579,412		c17 N71-28747	US-PATENT-3,607,076		c06 N72-17095
US-PATENT-3,581,492		c28 N71-28915	US-PATENT-3,607,080		c18 N72-17532
US-PATENT-3,582,960		c09 N71-28618	US-PATENT-3,607,338		
US-PATENT-3,583,058	*****	c15 N71-29018	US-PATENT-3,607,401		c03 N72-15986
US-PATENT-3,583,239		c15 ¥71-29132	US-PATENT-3,607,495.		. c15 N72-16330
US-PATENT-3,583,322	**********	c05 N71-28619	US-PATENT-3,608,046	***********	c15 N72-16329
US-PATENT-3,583,419		c12 N71-28741	US-PATENT-3,608,365	**********	c15 N72-17452
US-PATENT-3,583,744		c15 N71-29133	US-PATENT-3,608,409		c14 N72-16283
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US-PATENT-3,583,815		c15 N71-28740	US-PATENT-3,609,230		c09 N72-17156
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US-PATENT-3,585,514		c10 N71-33129	US-PATENT-3,609,353		c14 N72-17328
US-PATENT-3,585,882		c15 N71-33518	US-PATENT-3,609,364		c10 N72-17173
US-PATENT-3,586,261		c31 N71-33160	US-PATENT-3,609,387		c09 N72-17157
US-PATENT-3,587,306		c11 N71-33612	US-PATENT-3,609,535		c14 N72-17325
US-PATENT-3,587,424		c16 N71-33410	US-PATENT-3,609,567		c10 N72-17171
US-PATENT-3,588,220		c23 871-33229	US-PATENT-3,609,740		c05 N72-16015
US-PATENT-3,588,331		c07 N72-12081	US-PATENT-3,610,365		c15 N72-17451
US-PATENT-3,588,359		C07 N71-33108	US-PATENT-3,611,274		c15 N72-17455
US-PATENT-3,588,483		COB N71-33110	US-PATENT-3,611,330		c23 N72-17747
US-PATENT-3,588,648		c07 N71-33613	US-PATENT-3,611,798	************	c14 N72-22437
US-PATENT-3,588,671		c09 N71-33109	US-PATENT-3,611,801	**********	c14 N72-17329
		CO7 N71-33696	US-PATENT-3,612,391	************	c11 N72-22245
US-PATENT-3,588,705 US-PATENT-3,588,751		c07 N71-33606	US-PATENT-3,612,442	***************************************	c28 N72-22769
US-PATENT-3,588,874		c09 N71-33519	US-PATENT-3,612,645		C14 N72-22441
US-PATENT-3,588,883		c10 N71-33407	OS-PATENT-3,612,743		c09 N72-22198
US-PATENT-3,591,420		C03 N71-33409	US-PATENT-3,612,895		c09 N72-22197
US-PATENT-3,591,426		c17 N71-33408	US-PATENT-3,613,110		c08 #72-21199
US-PATENT-3,591,885		c15 N72-11390	US-PATERT-3,613,111		c08 N72-21200
US-PATENT-3,591,960		c15 N72-12409	US-PATENT-3,613,370		c28 N72-22770
US-PATENT-3,591,967		c28 N72-11709	US-PATENT-3,613,457		c15 N72-22482
US-PATENT-3,592,422		c15 N72-11391	US-PATENT-3,613,794		c12 N72-21310
		c09 N72-11224	US-PATENT-3,614,228		c14 B72-21409
US-PATENT-3,592,478		c05 N72-11085	US-PATENT-3,614,327		c08 N72-22162
US-PATENT-3,592,505				**************	c07 N72-21119
US-PATENT-3,592,545		c14 N72-11364	US-PATENT-3,614,343		c14 N72-21408
US-PATENT-3,592,559		c02 N72-11018	US-PATENT-3,614,431		c10 N72-16172
US-PATENT-3,592,628		c15 N72-11387	US-PATENT-3,614,475		c26 N72-10172
US-PATENT-3,592,768		c15 N72-11389	US-PATENT-3,614,557		
US-PATENT-3,593,001		c15 N72-11392	US-PATENT-3,614,587	***********	C09 N72-22196
US-PATENT-3,593,024		c24 N72-11595	US-PATENT-3,614,648		c09 N72-21247
US-PATENT-3,593,132		C09 N72-11225	US-PATENT-3,614,772	***************************************	c08 N72-22163
US-PATENT-3,593,138		c07 N72-11149	US-PATENT-3,614,898		c15 N72-21462
US-PATENT-3,593,175		c10 N72-11256	US-PATENT-3,614,899		c09 N72-22195
OS-PATENT-3,593,180		CO7 N72-11150	US-PATENT-3,615,021	••••	c15 N72-22483
US-PATENT-3,593,194		c16 N72-12440	US-PATENT-3,615,241		c15 N72-21465
US-PATENT-3,594,790		c07 N72-12080	US-PATENT-3,615,465	**********	c06 N72-21094
US-PATENT-3,594,803		c09 N72-12136	US-PATENT-3,615,853		c03 N72-22042
US-PATEUT-3,596,465		c28 N72-11708	US-PATENT-3,616,338		c15 N72-21466
US-PATENT-3,596,510		c14 N72-11363	US-PATENT-3,616,528		c03 N72-22041
US-PATENT-3,596,554		c15 N72-11385	US-PATENT-3,617,804		c25 N72-24753
US-PATENT-3,596,863		c15 N72-11386	US-PATENT-3,619,896	************	c15 N72-22487
US-PATENT-3,597,281		c03 N72-11062	US-PATENT-3,619,924		c11 N72-22247
US-PATENT-3,598,921	a a o b a e e b <b>e</b> e e e e	c08 N72-11171	US-PATENT-3,620,018		c28 N72-22771
US-PATENT-3,599,216		c07 B72-11148	US-PATENT-3,620,069		c14 N72-22440
US-PATENT-3,599,335	* * * * * * * * * * * * * * * * * * * *	c08 N72-11172	US-PATENT-3,620,076		c11 N72-22246
OS-PATENT-3,599,443		c05 N72-11084	US-PATENT-3,620,083		c14 N72-22438
US-PATENT-3,599,489		c14 N72-11365	US-PATENT-3,620,095		c15 N72-21463
US-PATENT-3,600,046		c15 N72-11388	US-PATENT-3,620,585		c15 N72-22490
US-PATENT-3,602,920		c11 N72-17183	US-PATENT-3,620,595		c14 N72-22445
US-PATENT-3,602,923		c05 N72-22093	US-PATENT-3,620,606	••••	c23 N72-22673
OS-PATENT-3,602,979	• • • • • • • • • • • • • • • • • • • •	c15 N72-22492	US-PATENT-3,620,718		c17 N72-22535
OS-PATENT-3,602,984		c26 N72-17820	US-PATENT-3,620,784		c18 972-23581
US-PATENT-3,603,092		c28 N72-17843	US-PATENT-3,620,791		c18 N72-22566
OS-PATENT-3,603,093		c28 N72-18766	US-PATENT-3,620,846	*************	c31 N72-22874
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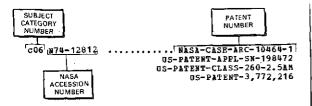
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	US-PATENT-APPL-SN-277402 US-PATENT-CLASS-176-35		US-PATENT-CLASS-73-88.5 US-PATENT-3,199,340
c09 N70-34502	US-PATENT-3,198,709	c33 #70-34812	NASA-CASE-ILE-00387 US-PATENT-APPL+SN-203411
CO2 M10-34302	US-PATENT-APPL-SN-197548		US-PATENT-CLASS-219-19
	.US-PATENT-CLASS-317-140 US-PATENT-3,189,794	c14 H70-34813	US-PATENT-3,108,171 NASA-CASE-XAC-00073
c21 N70-34539			US-PATENT-APPL-SN-47122 US-PATENT-CLASS-73-147
	US-PATENT-CLASS-244-76	45 470 21044	US-PATENT-3,100,990
c33 N70-34540	US-PATENT-3,070,330 WASA-CASE-XLA-00330	c15 N70-34814	WASA-CASE-IMP-00392 US-PATENT-APPL-SN-151112 GS-PATENT-CLASS-219-137
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C33 N/0-34545	US-PATENT-APPL-SN-252259		US-PATENT-CLASS-35-12
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c09 N70-34559			US-PATENT-APPL-SN-734805 US-PATENT-CLASS-73-398
c22 170-34572	WARA_CASP_VIR_00321	45 270 30043	US-PATENT-3,022,672
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c09 N70-34596	U5-PATENT-3,202,582 NASA-CASE-1MF-00324	,7	US-PATENT-CLASS-137-340 US-PATENT-3.158.172
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c25 #70-34661	US-PATENT-APPL-SN-9251 NASA-CASE-KLA-00147 US-PATENT-APPL-SN-178215	•	US-PATENT-APPL-SN-104188
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	US-PATENT-APPL-SN-249540	c27 N70~3	5534 NASA-CASE-XGS-03556
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	US-PATENT-3,164,222		US-PATENT-CLASS-60-35.6
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	US-PATENT-APPL-SN-256484		5584 NASA-CASE-GSC-11063-1
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c15 N70-35087	NASA-CASE-XGS-00587	i	IIS-PATENT-3,157,529
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	OS-PATENT-CLASS-137-340	', - '	US-PATENT-APPL-SN-166970
	US-PATENT-3,211,169	i	US-PATENT-CLASS-29-423
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c14 N70-35220	NASA-CASE-XNP-00449	<b>\</b>	US-PATENT-3.164.369
	US-PATENT-APPL-SN-118169	c15 N70-3	6492 NASA-CASE-XLE-00397
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	US-PATENT-3,160,825		US-PATENT-CLASS-137-614
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a29 N20-35391	US-PATENT-3,176,499 NASA-CASE-XHO-01897	<b>\</b>	US-PATENT-CLASS-9-316
C20 M10-33301	US-PATENT-APPL-SN-129579	000 870-3	US-PATENT-3,152,344 0494 NASA-CASE-XMF-00369
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	US-PATENT-CLASS-343-781		US-PATENT-APPL-SN-182692
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	US-PATENT-CLASS-251-11	214 810.7	US-PATENT-APPL-SN-104187
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45	US-PATENT-3, 205, 381	1	US-PATENT-CLASS-244-100
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c28 N70-35422	US-PATENT-3,088.441 NASA-CASE-LEW-10814-1	l l	US-PATENT-CLASS-9-8
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c08 N70-35423	NASA-CASE-INP-00432	L20 M/V-30	US-PATENT-APPL-SN-264736
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	US-PATENT-APPL-SN-534901 US-PATENT-CLASS-73-178		US-PATENT-CLASS-62-467 US-PATENT-3,090,212
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c33 N70-36847	NASA-CASE-XNP-00463		US-PATENT-APPL-SN-153266
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c14 N70-36907	US-PATENT-APPL-SN-247419		US-PATENT-CLASS-102-49
	US-PATENT-CLASS-33-1	44 70 20422	US-PATENT-3,122,098
c15 N70-36908	US-PATENT-3,163,935 NASA-CASE-XNP-00214	C11 N/0-38182	NASA-CASE-XNP-00612 US-PATENT-APPL-SN-228507
C13 A70-30300	US-PATENT-APPL-SN-180377		US-PATENT-CLASS-220-63
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c07 N70-36911	NASA-CASE-XNP-00748	•	US-PATENT-APPL-SN-203409
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C21 N/U-36936	US-PATENT-APPL-SN-182696		US-PATENT-CLASS-60-39.48
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c25 N70-36946	NASA-CASE-YT.A-01354		US-PATENT-APPL-SN-204015
	US-PATENT-APPL-SN-253774	٠	US-PATENT-CLASS-174-115
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c28 N70-37245	US-PATENT-3, 169,613 NASA-CASE-XLE-00376 US-PATENT-APPL-SN-139007		US-PATENT-APPL-SN-269222 US-PATENT-CLASS-267-1
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c31 N70-37924	US-PATENT-APPL-SN-187446		US-PATENT-APPL-SN-180391 US-PATENT-CLASS-60-35.6

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c17 N70-38490	NASA-CASE-XLE-00228		DS-PATENT-APPL-SN-144804
	US-PATENT-APPL-SN-64224 US-PATENT-CLASS-29-183.5		US-PATENT-CLASS-248-346
	US-PATENT-3.084.421	c28 N70-39899	US-PATENT-3,069,123 NASA-CASE-XLE-00005
c28 N70-38504			US-PATENT-APPL-SH-718095
	US-PATENT-APPL-SN-182699		US-PATENT-CLASS-60-35.6
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c15 N70-38601	NASA-CASE-XLA-00679	0-3 11,0 33322	US-PATENT-APPL-SN-277404
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	US-PATENT-CLASS-324-106 US-PATENT-3,202,915	c28 N70-39925	US-PATENT-3,229,884 NASA-CASE-XLE-00660
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	US-PATENT-CLASS-307-88 US-PATENT-3,128,389	~29 N70-20021	US-PATENT-3,229,636 NASA-CASE-XNP-01104
c15 N70-38620	NASA-CASE-XNP-00476	C20 N/0-39931	US-PATENT-APPL-SN-290867
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US-PATENT-3,323,967 C15 N70-42034 NASA-CASE-XNF-01412	US-PATENT-APPL-SN-405629
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US-PATENT-APPL-SN-453227	US-PATENT-CLASS-73-23
DS-PATENT-CLASS-102-49	US-PATENT-3,312,101
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US-PATENT-CLASS-73-116 US-PATENT-3,310,980	c11 N71-10776
c26 N71-10607 NASA-CASE-XLE-02792	US-PATENT-APPL-SN-447927
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US-PATENT-CLASS-242-55.19 US-PATENT-3.311.315	US-PATENT-3,317,180 c14 N71-10779 NASA-CASE-XMF-02307
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US-PATENT-APPL-SN-405630	US-PATENT-CLASS-73-40.5
US-PATENT-CLASS-73-70.2	US-PATENT-3,316,752
US-PATENT-3,310,978	c28 N71-10780 NASA-CASE-XLA-01043
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US-PATENT-APPL-SN-422868	US-PATENT-CLASS-60-225 US-PATENT-3,316,716
US-PATENT-CLASS-308-5 US-PATENT-3,325,229	c14 N71-10781
G09 N71-10618	US-PATENT-APPL-SN-319905
US-PATENT-APPL-SN-368123	US-PATENT-CLASS-73-99
US-PATENT-CLASS-313-63	US-PATENT-3,282,091
US-PATENT-3,311,772	c15 N71-10782 NASA-CASE-XKS-01985
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OS-PATENT-3,318,093	c14 N71-10797
CO9 N71-10659 NASA-CASE-XNP-01383	US-PATENT-APPL-SN-249537
US-PATENT-APPL-SN-369336	US-PATENT-CLASS-324-61
US-PATENT-CLASS-324-77	US-PATENT-3,324,388
US-PATENT-3,317,632	C09 N71-10798 NASA-CASE-XMS-00945
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US-PATENT-CLASS-264-102	TS_DAMBUM_2 310 176
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US-PATENT-CLASS-307-88.5	US-PATENT-3,318,622 c15 N71-10809 NASA-CASE-YME-02107
US-PATENT-3,317,751 c07 N71-10676 NASA-CASE-XNP-03134	C15 N71-10809 NASA-CASE-XMF-02107 US-PATENT-APPL-SN-384811
US-PATENT-APPL-SN-422095	US-PATENT-CLASS-140-124
US-PATENT~CLASS-333-21	
US-PATENT-3,324,423	US-PATENT-3,318,343 C02 h71-11037 NASA-CASE-XLA-06824-2

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	US-PATENT-APPL-SN-551815	_BC N74 4400C	US-PATENT-3,518,232
	US-PATENT-CLASS-244-44 US-PATENT-3,310,261	COR N. 1-13230	US-PATENT-3,316,232 US-PATENT-APPI-SN-593594
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	US-PATENT-APPL-SN-710533	i	US-PATENT-3,532,673
	US-PATENT-CLASS-249-43	C06 N71+11239	HASA-CASE-XMP-08655
ana 117111000	US-PATENT-3,493,197 NASA-CASE-NPO-10109		US-PATENT-APPL-SH-593593 US-PATENT-CLASS-260-72.5
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c03 N71-11051	NASA-CASE-XNP-03378		US-PATENT-CLASS-260-2.5
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	US-PATENT-APPL-SN-319894	İ	US-PATENT-3,508,152
	US-PATENT-CLASS-136-132	C07 N71-11267	NASA-CASE-XMP-10843
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	US-PATENT-CLASS-310-4	c07 N71-11281	NASA-CASE-XNP-10830
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	US-PATENT-CLASS-290-40	C07 N71-11284	NASA-CASE-XLA-01552
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CO3 N/1-11036	US-PATENT-APPL-SN-344793	· ·	US-PATENT-CLASS-325-65
	US-PATENT-CLASS-244-1	c07 N71-11285	US-PATENT-3,277,375
	ПS-РАФРИТ-3 450 391	1 007 117 11205	US-PATENT-APPL-SB-743429
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	US-PATENT-APPL-SN-626376		US-PATENT-3,534,375
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05111-1111 500	US-PATENT-APPL-SN-518487	•	OS-PATENT-APPL-SN-310507 OS-PATENT-CLASS-340-198
	US-PATENT-CLASS-128-142.5		TS-Dammm-3.243.791
	US-PATENT-3.502.074	C07 N71-11300	NASA-CASE-XMS-07168
c05 N71-11193	BASA-CASE-ARC-10043-1	1	US-PATENT-APPL-SH-769788
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	US-PATENT-CLASS-128-2.1 US-PATENT-3,508,541	C21 N71-11764	US-PATENT-3,493,677 NASA-CASE-LAR-10403
c05 N71-11194	**************************************	C21 M71-11700	US-PATENT-APPL-SN-676391
**	US-PATENT-APPL-SH-757861	[	US-PATENT-CLASS-343-6.5
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-AC 1174 4410E	US-PATENT-3,534,407 NASA-CASE-LAR-10007-1	c01 N71-12217	NASA-CASE-FRC-10063
CO3 N/1-11195	NASA-CASE-LAR-10007-1	00 74 40000	US-PATENT-APPL-SN-21263
	US-PATENT-APPL-SN-770203 US-PATENT-CLASS-2-2-1	CU2 N/1-12243	NASA-CASE-XLA-04451
	NS_DAMPNG_3 636 NAC	i	US-PATENT-APPL-SE-457876 US-PATENT-CLASS-244-45
c05 N71-11199	••••••••••••••••••••••••••••••••••••••		US-PATENT-3.310.262
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	OS-PATENT-CLASS-182-191		US-PATENT-APPL-SN-728234
COS N71-11202	US-PATENT-3,262,518		US-PATENT-CLASS-321-2
pri- 11202	US-PATENT-APPL-SN-704420	C03 N71_12250	US-PATENT-3,532,960 NASA-CASE-XLA-00711
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c05 N71-11203	**************************************		US-DATENT-3.249.012
	US-PATENT-APPL-SH-791693	c03 N71-12259	NASA-CASE-XLA-01396
	US-PATENT-CLASS-128-142-5		US-PATENT-APPL-SN-357336
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	US-PATENT-CLASS-202-182		US-PATENT-APPL-SN-430780

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COP	N71-12335	NASA-CASE-XBS-00784			US-PATENT-APPL-SN-676386
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		US-PATENT-CLASS-2-2.1		•	US-PATENT-3,537,096
_,_		US-PATENT-3,286,274	C09	N71-12513	NASA-CASE-IGS-07801
C 0.5	¥71-12336	NASA-CASE-XMS-05304			US-PATENT-APPL-SN-640452
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		US-PATENT-CLASS-244-4			US-PATENT-3,490,965
		US-PATENT-3,270,986	C09	′พ71–12514	WASA-CASE-XLA-07497
CUS	N71-12341				US-PATENT-APPL-SN-631848
	,	US-PATENT-APPL-SN-723476			US-PATENT-CLASS-307-252
		US-PATENT-CLASS-297-385			US-PATENT-3,491,255
~ 0 E	1174 10700	US-PATENT-3,516,711	C09	N71-12515	WASA-CASE-INP-08836
602	N71-12342	NASA-CASE-XAC-05706		* 1	US-PATENT-APPL-SN-668968
		US-PATENT-APPL-SN-592694			US-PATENT-CLASS-340-174
		US-PATENT-CLASS-325-143		1134 Apres	US-PATENT-3,535,702
ans.	N71-12343	US-PATENT-3,453,546	COA	N/1-12516	HASA-CASE-XNP-09768
003	B/1-12347	***************************************			US-PATENT-APPL-SN-698629
	,	US-PATENT-APPL-SN-695973			US-PATENT-CLASS-307-243
	9.4	US-PATENT-CLASS-297-68	-00	N71-12517	US-PATENT-3,535,554
c05	N71-12344	US-PATENT-3,466,085	CUY	8/1-1251/	
<b></b>	171 12344	US-PATENT-APPL-SN-586330		,	US-PATENT-APPL-SN-710561
	,	US-PATENT-CLASS-2-2.1			US-PATENT-CLASS-333-80
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c05	¥71-12345	MASA-CASE-MSC-12086-1	Cus	A 7 1 - 12 3 1 0	US-PATENT-APPL-SN-692471
•	;==	US-PATENT-APPL-SN-812999			US-PATENT-CLASS-200-61.42
	,	US-PATENT-CLASS-29-400			US-PATENT-3,488,461
		US-PATENT-3,490,130	C09	N71-12519	
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	- 4	US-PATENT-APPL-SN-607461			US-PATENT-CLASS-328-110
	· ·	US-PATENT-CLASS-128-2.1		100	US-PATENT-3,535,644
		US-PATENT-3,490,440	C09	N71-12520	NASA-CASE-NPO-10230
c05	N71-12351				US-PATENT-APPL-SN-691735
,		US-PATENT-APPL-SN-674357			US-PATENT-CLASS-307-229
		US-PATENT-CLASS-224-25		٠.	US-PATENT-3,535,547
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		US-PATENT-APPL-SN-668302			US-PATENT-CLASS-317-31
		US-PATENT-CLASS-332-9			US-PATENT-3,448,341
		US-PATENT-3,535,657	C09	N71-12539	NASA-CASE-ERC-10552
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•		US-PATENT-APPL-SN-771803			US-PATENT-CLASS-178-7.7
		US-PATENT-CLASS-343-17.7		W74 40540	OS-PATENT-3,535,446
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	•	US-PATENT-CLASS-343-776			US-PATENT-3,532,979
		US-PATENT-3,495,262	c01	N71-13410	NASA-CASE-XLA-00755
c08	871-12494	NASA-CASE-XGS-04767	1.5		US-PATENT-APPL-SH-247423
	**	US-PATENT-APPL-SN-645584		•	US-PATENT-CLASS-244-35
·		US-PATENT-CLASS-307-296		•	US-PATENT-3,270,988
		US-PATENT-3,535,560	c01	N71-13411	WASA-CASE-XLA-05828
c08	B71-12500	NASA-CASE-INP-07040			US-PATENT-APPL-SN-509460
		US-PATENT-APPL-SN-649357			US-PATENT-CLASS-235-61.6
		US-PATENT-CLASS-332-31			US-PATENT-3.500.020
_		US-PATENT-3,535,658	C02	N71-13421	NASA-CASE-XPR-00756
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		US-PATENT-APPL-SN-235162	l .	1	US-PATENT-APPL-5N-212173 US-PATENT-CLASS-235-150.22
		US-PATENT-CLASS-340-347			
	·	US-PATENT-3, 251, 053	C02	N71-13422	US-PATENT-3,258,582 NASA-CASE-XLA-06339
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		US-PATENT-APPL-SN-673226	1		U5-PATENT-CLASS-244-76
		US-PATENT-CLASS-340-172.5	م ا		US-PATENT-3,534,930
-00	074.49EAT	US-PATENT-3,533,074 HASA-CASE-NPO-10351	C06	N/1-13461	NASA-CASE-LAR-10180-1
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		US-PATENT-APPL-SN-712065	l		US-PATENT-CLASS-250-41.9
		US-PATENT-CLASS-328-37	-00	W74_42506	US-PATENT-3,521,054
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500		US-PATENT-APPL-SN-578932	ŀ		US-PATENT-CLASS-315-241
		US-PATENT-CLASS-340-146.2			US-biana-crupo-110-541
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		US-PATENT-APPL-5N-681692			US-PATENT-CLASS-343-703
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	DS-PATENT-APPL-SN-822518		US-PATENT-CLASS-8-94.12
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	US-PATENT-3,535,602 NASA-CASE-XNP-00384	C10 N/1-15550	US-PATENT-APPL-SN-336103
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c09 N71-13531			US-PATENT-APPL-SN-677508
	OS-PATENT-APPL-SN-602828	ļ	US-PATENT-CLASS-350-3.5
	US-PATENT-CLASS-330-11 US-PATENT-3,526,845	C25 N71-15562	US-PATENT-3,535,013 NASA-CASE-XLA-03374
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C10 1171 13337	US-PATENT-APPL-SN-730703		US-PATENT-CLASS-315-111
	US-PATENT-CLASS-73-382		US-PATENT-3,535,586
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c10 N71-13545	NASA-CASE-LĀR-10774 US-PATENT-APPL-SN-802820	1	US-PATENT-APPL-SN-416946 US-PATENT-CLASS-244-53
	US-PATENT-CLASS-73-1	Ĭ	US-PATENT-CLASS-244-53 US-PATENT-3,270,990
	DS-PATRNT-3.534.584	c16 N71-15565	NASA-CASE-MFS-20074
c15 N71-13789	NASA-CASE-XLA-01141	1	US-PATENT-APPL-SN-801312
	US-PATENT-APPL-SN-353632	l l	US-PATENT-CLASS-350-3.5
	US-PATENT-CLASS-102-49	-24 374 45566	US-PATENT-3,535,014 NASA-CASE-XKS-08012-2
~21 N71_130E0	US-PATENT-3,263,610 NASA-CASE-GSC-10087-2	C31 N/1-15566	US-PATENT-APPL-SN-874958
C2 1 N / 1- 13950	US-PATENT-APPL-SN-701744	1	US-PATENT-CLASS-340-172.5
	US-PATENT-CLASS-343-112	İ	nc-namang_3 526 693
	US-PATENT-3,495,260	c16 N71-15567	NASA-CASE-ERC-10017
c18 N71-14014	NASA-CASE-GSC-10072	i	US-PATENT-APPL-SN-677506
	US-PATENT-APPL-SN-686296	1	US-PATENT-CLASS-350-3.5
	US-PATENT-CLASS-106-15 US-PATENT-3,493,401	223 N71-16560	US-PATENT-3,535,012 NASA-CASE-XLE-09475-1
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C20 L11 (4032	US-PATENT-APPL-SN-551933		US-PATENT-CLASS-136-228
	US-PATENT-CLASS-117-106		00-030000-2 E26 44E
	US-PATENT-3,490,939	c15 N71-15571	NASA-CASE-XLA-07911
c33 N71-14035	NASA-CASE-XIE-03307 US-PATENT-APPL-SN-613979		US-PATENT-APPL-SN-660572
	US-PATENT-APPL-SN-613979 US-PATENT-CLASS-244-1		US-PATENT-CLASS-33-207 US-PATENT-3,492,739
	119-DATENT-3 1190 719	c21 N71-15582	NASA-CASE-XLA-01163
c28 N71-14043	NASA-CASE-XLE-01124	021 21, 13302	US-PATENT-APPL-SN-405632
	US-PATENT-APPL-SN-312269	1	US-PATENT-CLASS-60-35.55
	US-PATENT-CLASS-60-35.5		US-PATENT-3, 270, 505
-30 N74 48084	US-PATENT-3,238,715 NASA-CASE-XGS-08729	c21 N71-15583	US-PATENT-3,270,505 NASA-CASE-XNF-01598
C20 N/1-14044	US-PATENT-APPL-SN-667637		US-PATENT-APFL-SN-333770 US-PATENT-CLASS-244-1
	US-PATENT-CLASS-60-200		US-PATENT-3,270,985
	US-PATENT-3.490.235	c15 N71-15597	NASA-CASE-XLE-08917
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	US-PATENT-APPL-SN-797796		US-PATENT-CLASS-113-116
	US-PATENT-CLASS-103-37 US-PATENT-3,492,947	210 N71-15500	US-PATENT-3,490,405 NASA-CASE-XAC-00812
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	US-PATENT-APPL-SN-758942	1	US-PATENT-CLASS-73-341
	US-PATENT-CLASS-149-19	1	HS_DATENT_3 238 777
34 N.74 40433	US-PATENT-3,492,176	c14 N71-15599	NASA-CASE-XNP-04161
C21 N/T-14132	NASA-CASE-XLA-05464		US-PATENT-APPL-SN-568356
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	US-PATENT-3.493.194	c14 N71-15600	NASA-CASE-XKS-06250
c21 N71-14159	NASA-CASE-XGS-04393		US-PATENT-APPL-SN-649075
	US-PATENT-APPL-SN-700142	1	US-PATENT-CLASS-73-97
	US-PATENT-CLASS-244-1	40 974 45500	US-PATENT-3,492,862
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250 N.I. 14334	US-PATENT-APPL-SN-821586		US-PATENT-APPL-SN-714296 US-PATENT-CLASS-350-58
	US-PATENT-CLASS-225-2	J	HS-PATENT-3,488,103
	ПС+РАТЕМФ+3.493.155	c14 N71-15605	NASA-CASE-G5C-10062
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	US-PATENT-APPL-SN-282818	1	US-PATENT-CLASS-250-52
	US-PATENT-CLASS-73-170		US-PATENT-3,493,746
	US-PATENT-3,238,774	c15 N71-15607	NASA-CASE-XMF-03287
CZ3 N/7-1546/	NASA-CASE-XNP-03796		US-PATENT-APPL-SN-658956
	OS-PATENT-APPL-SN-453231 US-PATENT-CLASS-62-6		US-PATENT-CLASS-228-7 US-PATENT-3,443,732
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	OS-PATENT-APPL-SN-644799	]	US-PATENT-CLASS-138-42
	US-PATENT-CLASS-75-202	.46	US-PATENT-3,493,012
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	US-PATENT-CLASS-117-50	US-PATENT-3,534,924
	US-PATENT-3,493,415	US-PATENT-3,534,924 c31 N71-15675 NASA-CASE-XMF-03169
c14 N71-15620	NASA-CASE-XLA-01926	US-PATENT-APPL-SN-375405 US-PATENT-CLASS-89-1.5
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	US-PATENT-APPL-SN-660841	US-PATENT-CLASS-244-1
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00	US-PATENT-3,270,503 NASA-CASE-XLE-01399	US-PATENT-APPL-SN-752947
C33 N/1-15625	US-PATENT-APPL-SN-320233	US-PATENT-CLASS-180-118
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	US-PATENT-CLASS-60-39-46	US-PATENT-CLASS-219-131
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a22 N71_15681	US-PATENT-3,270,504 NASA-CASE-XNP-09802	US-PATENT-3,270,512 07 N71-15907 NASA-CASE-XNP-01057
C35 M71-15041	US-PATENT-APPL-SN-673229	US-PATENT-APPL-SN-301683
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	US-PATENT-APPL-SN-588635	US-PATENT-APPL-SN-4/333/ US-DATENT-CLASS-129-16.7
•	US-PATENT-CLASS-250-203 US-PATENT-3,488,504	US-PATENT-CLASS-129-16.7 US-PATENT-3,310,054 c10 N71-15909 NASA-CASE-XAC-03777
c31 x71-15643	NASA-CASE-NPO-10311	c10 N71-15909 NASA-CASE-XAC-03777
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6	US-PATENT-CLASS-73-116	US-PATENT-CLASS-200-6
	US-PATENT-3,534,597	US-PATENT-3,283,088 c10 N71-15910 NASA-CASE-XGS-00823
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	US-PATENT-CLASS-324-72	US-PATENT-CLASS-85-33
	US-PATENT-3,300,717	US-PATENT-3,262,351 c11 N71-15925 NASA-CASE-XIA-00378
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	US-PATENT-CLASS-29-157 US-PATENT-3,254,395	US-PATENT-3,238,345
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•	US-PATENT-CLASS-60-35-60	US-PATENT-CLASS-73-147
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	US-PATENT-CLASS-338-5 US-PATENT-3,464,049	c15 N71-16079	NASA-CASE-XLA-00415
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	US-PATENT-CLASS-356-74	]	US-PATENT-3,276,726
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	US-PATENT-APPL-SN-314572 US-PATENT-CLASS-73-15	}	US-PATENT-CLASS-244-138 US-PATENT-3,520,503
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	US-PATENT-APPL-SN-228569		US-PATENT-CLASS-73-147
	US-PATENT-CLASS-324-32	-02 N71-16097	US-PATENT-3,273,388 NASA-CASE-XAC-02058
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	US-PATENT-CLASS-75-171		US-PATENT-3,277,373
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	US-PATENT-APPL-SN-307270		US-PATENT-CLASS-343-6 US-PATENT-3,471,856
	US-PATENT-CLASS-318-376 US-PATENT-3,271,649	G24 N71-16095	NASA-CASE-IAC-05506-1
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C10 N/1-10042	US-PATENT-APPL-SN-310506		US-PATENT-CLASS-328-1
	US-PATENT-CLASS-307-88.5		US-PATENT-3,509,469
47 460.00	US-PATENT-3,277,314 NASA-CASE-XGS-06306	c23 N71-16100	NASA-CASE-XGS-05715 US-PATENT-APPL-SN-668257
CI1 N/I-10044	OS-PATENT-APPL-SN-685473		US-PATENT-CLASS-250-233
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	US-PATENT-3,532,538	c31 N71-16102	NASA-CASE-XGS-09190
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	US-PATENT-APPL-SN-431235 US-PATENT-CLASS-29-148.4		US-PATENT-CLASS-343-915 US-PATENT-3,521,290
	US-PATENT-CLASS-29-148.4 US-PATENT-3,262,186	c32 N71~16103	NASA-CASE-LAR-10317-1
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	US-PATENT-APPL-SN-290873		US-PATENT-CLASS-60-108
	US-PATENT-CLASS-340-227		US-PATENT-3,508,402
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	US-PATENT-CLASS-324-34		DS-PATENT-3.508.955
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C15 N/1-16075	NASA+CASE-XLA-00284 US-PATENT-APPL-SN-240760		US-PATENT-APPL-SN-619519 US-PATENT-CLASS-137-582
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	US-PATENT-APPL-SN-629759 US-PATENT-CLASS-25-156		US-PATENT-CLASS-106-88 US-PATENT-3,508,940
	US-PATENT-2.944.316	c18 N71-16210	NASA-CASE-XNP-08837
c15 N71-16077	NASA-CASE-XLA-00302		US-PATENT-APPL-SN-691736
	US-PATENT-APPL-SN-284266 US-PATENT-CLASS-117-46		U5-PATENT-CLASS-204-20 US-PATENT-3,526,580
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	US-PATENT-3.526.140	c12 N71-17579	NASA-CASE-XLA-07391
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•	US-PATENT-CLASS-165-133		US-PATENT-3,500,677 NASA-CASE-XGS-05680
	US-PATENT-3,502,141 NASA-CASE-XMF-04237	c14 N71-17585	
C22 N. 1- 105/8	US-PATENT-APPL-SN-539237	ł	US-PATENT-APPL-SN-656953 US-PATENT-CLASS-318-138
	US-PATENT-CLASS-219-364		US-PATENT-3,501,664
	US_DATERT_3 517 162	c14 N71-17586	NASA-CASE-XLA-08646
c20 N71-16281	NASA-CASE-XLA-02081		US-PATENT-APPL-SN-677476
	DS-PATRNT-APPL-SN-522795		US-PATENT-CLASS-73-105
	US-PATENT-CLASS-73-189 US-PATENT-3,507.150	C14 N71-17587	US-PATENT-3,534,596 NASA-CASE-XMF-05844
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	US-PATENT-APPL-SN-679862		US-PATENT-CLASS-73-382
	US-PATENT-CLASS-250-209	4, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	US-PATENT-3,500,688
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C25 1171-10541	US-PATENT-APPL-SN-553891		US-PATENT-CLASS-55-179
	US-PATENT-CLASS-356-209		US-PATENT-3.490.205
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C31 N/1-16345	NASA-CASE-XMF-05344		US-PATENT-APPL-SN-856258 US-PATENT-CLASS-128-142.5
	US-PATENT-APPL-SN-702396 US-PATENT-CLASS-244-1		US-PATRUT-3 516 404
	US-PATENT-3,520,496	c11 א71−17600	
c31 N71-16346	NASA-CASE-XMS-03613	}	US-PATENT-APPL-SN-694340
	US-PATENT-APPL-SN-802816 US-PATENT-CLASS-244-1		US-PATENT-CLASS-220-89
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	US-PATENT-CLASS-250-43.5 US-PATENT-3,501,632	-22 ¥71-1761A	US-PATENT-3,276,602 NASA-CASE-XLA-00377
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	US-PATENT-APPL-SN-578925		US-PATENT-CLASS-230-162
	US-PATENT-CLASS-23-253		US-PATENT-3,309,012
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6.00	US-PATENT-APPL-SN-649360 US-PATENT-CLASS-356-36		US-PATENT-CLASS-225-1
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517 511 17550	US-PATENT-APPL-SN-763869		US-PATENT-CLASS-60-217
	US-PATENT-CLASS-21-207		Do-Dimenson 2 COU CCC
-33 <b>574 46</b> 800	US-PATENT-3,529,928	c32 N71-17645	NASA-CASE-XNP-01153
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	US-PATENT-CLASS-73-71.4	,	TC_D&MANA 3 777 704
	US-PATENT-3,503,251 NASA-CASE-XLA-02079	c15 N71-17647	NASA-CASE-YMP-01667
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	US-PATENT-3.310.138	c15 N71-17648	US-PATENT-CLASS-118-11
c12 N71-17569	NASA-CASE-MSC-12084-1	<b>}</b>	US-PATENT-APPL-SN-768336
	US-PATENT-APPL-SN-762438	·	US-PATENT-CLASS-251-358
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	US-PATENT-APPL-SN-744910 US-PATENT-CLASS-248-360		US-PATENT-APPL-SN-640450 US-PATENT-CLASS-318-22
	ng-Pimenm-3 506,382		US-PATENT-3.501.683
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45 904 40653	US-PATENT-3,535,179 NASA-CASE-XLE-05079	a14 x71_17701	US-PATENT-3,487,680 NASA-CASE-NPO-10144
C15 N/1-1/652	US-PATENT-APPL-SN-601228	C14 M/1-1//01	US-PATENT-APPL-SN-688805
	US-PATENT-CLASS+310-93		US-PATENT-CLASS-73-29
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	US-PATENT-APPL-SN-730734 US-PATENT-CLASS-239-416		US-PATENT-CLASS-244-1 US-PATENT-3,282,532
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	US-PATENT-CLASS-356+106		ΠS-PATENT-3.286.629
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	US-PATENT-APPL-SN-493942 US-PATENT-CLASS-73-15-4		US-PATENT-CLASS-81-63.1 US-PATENT-CLASS-192-43.1
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c12 N71-17661	US-PATENT-3,465,759 NASA-CASE-NPO-10298 US-PATENT-APPL-SN-745852	c26 N71-17818	#ASA-CASE-IMF-01016 US-PATENT-APPL-SN-326299
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	US-PATENT-CLASS-244-1	ļ	US-PATENT-CLASS-72-364

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US-PATENT-3,465,567 c15 N71-18580 NASA-CASE-XNP-09698	US-PATENT-APPL-SN-763705
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COO N / 1 - 18594 NASA-CASE-XAC-04031	
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c12 N71-18603	~11 U71_10773 WACA_CACE_VMD_07#00
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c12 N71-18615	US-PATENT-3,532,427 c15 N71-19213
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US-PATENT-3,531,964 c14 N71-18625 NASA-CASE-NPO-10175	US-PATENT-APPL-SN-668969
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OS-PATENT-3,448,346	00-PATENT-3,517,318 NASA-CASE-MPS-13046

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	US-PATENT-CLASS-178-6	~09 ¥71_195##	US-PATENT-3,501,712 NASA-CASE-XGS-01230
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c07 N71-19436	NASA-CASE-XNF-09422	1	US-PATENT-APPL-SH-670814
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c08 N71-19437	NASA-CASE-XGS-04768 US-PATENT-APPL-SN-598119	1	US-PATENT-CLASS-307-289
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C43 X11 13100	US-PATENT-APPL-SN-549860	1	US-PATENT-CLASS-250-203
	US-PATENT-CLASS-320-23		US-PATENT-3,421,004 NASA-CASE-XLA-05749
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	US-PATENT-CLASS-165-46	I	GS-PATENT-3,426,791
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C05 N71-19440	NASA-CASE-XES-01177		US-PATENT-APPL-SN-700586
	US-PATENT-APPL-SN-516150		US-PATENT-CLASS-277-25 US-PATENT-3,466,052
	US-PATENT-CLASS-250-83	000 N71-19610	WASA-CASE-NPO-10037
	US-PATENT-3,427,454 NASA-CASE-IFR-03107	01061-110	US-PATENT-APPL-5N-700987
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	DS-PATENT-CLASS-178-6	}	US-PATENT-3,470,342
	OS-PATENT-3,458,651	c08 N71-19687	MASA-CASE-NP-04780
c09 N71-19466	NASA-CASE-XGS-02812		US-PATENT-APPL-SN-455477 US-PATENT-CLASS-340-347
	US-PATENT-APPL-SN-502750	1	US-PATENT-3,430,227
	US-PATENT-CLASS-330-30 US-PATENT-3,466,560	COS N71-19763	NASA-CASE-XAC-06302
~10 ¥71_10667	NASA-CASE-XMF-08665		US-PATENT-APPL-SN-574284
C10 H71-13407	US-PATENT-APPL-SN-582609		US-PATENT-CLASS-325-60
	US-PATENT-CLASS-325-63		US-PATENT-3,456,193
	US-PATENT-3,470,475	C07 N71-19773	nasa-case-gsc-10373-1 US-PATENT-APPL-SR-712658
c10 N71-19468	NASA-CASE-XMS-05605-1 US-PATENT-APPL-SN-764612		OS-PATENT-CLASS-325-4
	US-PATENT-CLASS-178-69.5		US-PATENT-3.532.985
	US-PATENT-3,532,819	c07 N71-19854	NASA-CASE-GSC-10553-1
c10 #71-19469	NASA-CASE-XNP-00777		US-PATENT-APPL-SN-820963 US-PATENT-CLASS-343-100
	US-PATENT-APPL-SN-486573		US-PATENT-3,534,365
	US-PATENT-CLASS-329-122 US-PATENT-3,517,268	C05 N71-20268	NASA-CASE-XLA-02898
c09 N71-19470	NASA-CASE-165-05289	000 27,1 24224	US-PATENT-APPL-SN-429932
200 8.11 17.77	US-PATENT-APPL-SN-632104		US-PATENT-CLASS-128-1
	US-PATENT-CLASS-331-113	-62 274 00272	US-PATENT-3,461,855 NASA-CASE-NPO-10188
44 454 46454	US-PATENT-3,470,496	C03 N/1-202/3	US-PATENT-APPL-SN-681687
CIO KIT- 1947 I	US-PATENT~APPL~SN-526631		US-PATENT-CLASS-244-1
	US-PATENT-CLASS-307-235	· }	US-PATERT-3,473,758 NASA-CASE-XLE-103477-1
	US-PATENT-3,463,939	c28 N71-20330	NASA-CASE-XLE-10347/-1
c10 N71-19472	NASA-CASE-XAC-04030	1	US-PATENT-APPL-SN-466390 US-PATENT-CLASS-60-39.36
	US-PATENT-APPL-SN-520839		nc_nampae_3 #23 #15
	OS-PATENT-CLASS-328-1 OS-PATENT-3,464,016	C15 N71-20393	NASA-CASE-MFS-06074
C09 N71-19479	NASA-CASE-XMS-04300		US-PATENT-APPL-SN-688/43
	US-PATENT-APPL-SN-516158	<b>.</b>	US-PATENT-CLASS-228-9
	US-PATENT-CLASS-350-275	15 1174 22725	US-PATENT-3,458,104 NASA-CASE-IMF-06065
** 74 45405	US-PATENT-3,427,093	C15 M71-20393	US-PATENT-APPL-SE-665679
C03 N11-131'80	US-PATENT-APPL-SN-484855	1	US-PATENT-CLASS-219-275
	US-PATENT-CLASS-235-194	•	US-PATENT-3,466,424
	US-PATENT-3.423.579	c31 N71-20396	WASA-CASE-XMF-08523
c15 N71-19485	NASA-CASE-MSC-11010	Į.	US-PATENT-APPL-SN-645563 US-PATENT-CLASS-244-1
	US-PATENT-APPL-SN-605090		US-PATENT-3,465,986
	US-PATENT-CLASS-251-31 US-PATENT-3,447,774	C16 N71-20400	NASA-CASE-MPS-11279
c15 N71+19486	NASA-CASE-XHP-08522	1 277	US-PATENT-APPL-SN-628094
	US-PATENT-APPL-SN-640447		US-PATENT-CLASS-219-121
	US-PATENT-CLASS-219-121	22 24 22 22	US-PATENT-3,472,998 NASA-CASE-NPO-10194
45 1174 40404	US-PATENT-3,474,220	C03 N/1-2040/	US-PATENT-APPL-SN-668249
CID N/1-19489	US-PATENT-APPL-SN-634040	1	US-PATENT-CLASS-136-182
	US-PATENT-CLASS-33-147		US-PATENT~3,460,995
	OS-PATENT-3,425,131	c14 N71-20427	NASA-CASE-NAS-13052
c07 N71-19493	NASA-CASE-XKS-08485		US-PATENT-APPL-SN-561223 US-PATENT-CLASS-62-268
•	US-PATENT-APPL-SN-649078		US-PATENT-CLASS-62-200 US-PATENT-3,455,121
	US-PATENT-CLASS-343-873 US-PATENT-3,509,578	C14 N71-20428	NASA-CASE-IGS-04879
c11 N71-19494	NASA-CASE-MFS-10555		US-PATENT-APPL-SN-541399
	US-PATENT-APPL-SN-700984		US-PATENT-CLASS-3245
	US-PATENT-CLASS-35-12	### WT# 00000	US-PATENT-3,443,208 NASA-CASE-XLE-05260
C00 N71_10516	US-PATENT-3,516,179 NASA-CASE-XNP-06937	G14 N/1-20429	US-PATENT-APPL-SN-674355
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	US-PATENT-3,463,001	c06 N71-20717	NASA-CASE-XMP-04133
c14 N71-20430	NASA-CASE-XLA-03645		US-PATENT-APPL-SN-554949 US-PATENT-CLASS-260-2
	US-PATENT-APPL-SN-600266 US-PATENT-CLASS-250-83		ns-patent-3.354.098
	US-PATENT-3.450.878	c05 N71-20718	NASA-CASE-XES-04625
c14 N71-20435	WASA-CASE-XMS-06767-1 US-PATENT-APPL-SN-716795		US-PATENT-APPL-SN-519161 US-PATENT-CLASS-244-122
	DS-PATENT-CLASS-73-422		ns-patent-3.356.320
	US-PATENT-3,438,263	c15 N71-20739	WASA-CASE-XGS-02011 US-PATENT-APPL-SW-502693
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	US-PATENT-CLASS-73-147		US-PATENT-3,359,046
-44 974 26626	US-PATENT-3,461,721 NA5A-CASE-XAC-04886-1	c15 N71-20740	NASA-CASE-XLA-01808 US-PATENT-APPL-SN-517159
C14 M/1-20439	US-PATENT-APPL-SN-574290		US-PATENT-CLASS-74-471
	US-PATENT-CLASS-73-142	40 004 0054	US-PATENT-3,364,777 NASA-CASE-XMS-01618
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C   3 N   1- 20440	US-PATENT-APPL-SN-700120		US-PATENT-CLASS-73-29
	US-PATENT-CLASS-209-10	-10 W71-20702	US-PATENT-3,360,980 NASA-CASE-XBS-02952
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	US-PATENT-APPL-SN-688742		US-PATENT-CLASS-55-158
:	US-PATENT-CLASS-73-141 US-PATENT-3,472,069	c17 N71-20743	US-PATENT-3,355,861 NASA-CASE-XMF-02786
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-	US-PATENT-APPL-SN-636878		US-PATENT-CLASS-75-142 US-PATENT-3,347,665
	US-PATENT-CLASS-23-254 US-PATENT-3,472,629	c25 N71-20747	NASA-CASE-XLE-02578
c15 N71-20443	NASA-CASE-MFS-07369		US-PATENT-APPL-SH-469012
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	US-PATENT-3,473,216	c10 N71-20782	NASA-CASE-XGS-01784
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	US-PATENT-CLASS-333-96		US-PATENT-3.348.053
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	US-PATENT-CLASS-310-54		US-PATENT-3,350,643 NASA-CASE-XM5-02184
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CO3 N11-20441	US-PATENT-APPL-SN-556784	* *	DC DAMPHD CIACC 280.27
	US-PATENT-CLASS-307-267	-A7 1174_20014	US-PATENT-CLASS-240-27 US-PATENT-3,361,400 NASA-CASE-INP-01306
c10 %71-20448	US-PATENT-3,473,050 NASA-CASE-XNP-03744	CU/ M/1-20014	US-PATENT-APPL-SN-343426
015 511 20110	US-PATENT-APPL-SN-547677		US-PATENT-CLASS-179-15
	US-PATENT-CLASS-318-314 US-PATENT-3,424,966	c12 N71+20815	US-PATENT-3,364,311 NASA-CASE-XMF-01779
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	US-PATENT-APPL-SN-600682 US-PATENT-CLASS-117-6	}	US-PATENT-CLASS-346-1 US-PATENT-3,357,024
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	US-PATENT-APPL-SN-667636 US-PATENT-CLASS-136-182	ļ	US-PATENT-3,360,988
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c03 N71-20492	NASA-CASE-XLE-04787 US-PATENT-APPL-SN-551846	1	US-PATENT-APPL-SN-455352 US-PATENT-CLASS-141-5
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-06 NT4 ORE46	US-PATENT-3, 434, 885 NASA-CASE-INP-02592	c10 x71-20841	US-PATENT-APPL-SH-354182
CZ4 N/1-20316	US-PATENT-APPL-SN-484490		US-PATENT-CLASS-325-305
	US-PATENT-CLASS-324-33	-00 N74-20012	US-PATENT-3,348,152 NASA-CASE-XNP-05381
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023 877 27200	US-PATENT-APPL-SN-612740	ļ	US-PATENT-CLASS-338-82
	US-PATENT-CLASS-324-58.5 US-PATENT-3,473,116	C09 N71-20851	US-PATENT-3,350,671 NASA-CASE-XNP-04732
c09 N71-20569		1	US-PATENT-APPL-SN-557584
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	US-PATENT-3,434,050	c10 N71-20852	NASA-CASE-XGS-03502
c02 N71-20570	NASA-CASE-KAC-08972	• .	US-PATENT-APPL-SE-584066
	US-PATENT-APPL-SN-700174 US-PATENT-CLASS-244-76	,	US-PATENT-CLASS-331-17 US-PATENT-3,361,985
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c08 N71-20571	US-PATENT-APPL-SN-619908		US-PATENT-APPL-SN-576521 US-PATENT-CLASS-343-16
	US-PATENT-CLASS-315-24	1	De_bimbum_3 350 566
	US-PATENT-3,437,874	c03 N71-20895	NASA-CASE-XNP-00826
c09 N71-20658	NASA-CASE-XHS-03454 US-PATENT-APPL-SN-425363	1	US-PATENT-APPL-SN-327163 US-PATENT-CLASS-136-89
	US-PATENT-CLASS-343-915	-40	US-PATENT-3,346,419
#00 #71_0070E	US-PATENT-3,360,798 NASA-CASE-IMF-01599	c12 ¥71-20896	NASA-CASE-XNP-02251 US-PATENT-APPL-SN-432030
COA N.11-70102	US-PATENT-APPL-SN-381940		US-PATENT-CLASS-321~48
	US-PATENT-CLASS-117-212	CO2 W74=20000	US-PATENT-3,337,790 NASA-CASE-XLE-01645
	US-PATENT-3,359,132	CO3 M/1-20904	

	US-PATENT-APPL-SN-342574	1	US-PATENT-CLASS-235-61.6
	US-PATENT-CLASS-136-86		US-PATENT-3.346.724
	US-PATENT-3,357,862	c15 N71-21234	NASA-CASE-XKS-02582
c06 N71-20905	NASA-CASE-XMF-02584	ł	US-PATENT-APPL-SN-424153 US-PATENT-CLASS-251-172
	US-PATENT-APPL-SN-506135 US-PATENT-CLASS-260-2	ļ	ns-datem-3.327.991
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	US-PATENT-APPL-SN-71366		US-PATENT-CLASS-310-9.1
	US-PATENT-CLASS-106-55	C15 N71-21603	US-PATENT-3,359,435 NASA-CASE-INF-03988
-28 N71-2A9#2	DS-PATENT-3,350,214 NASE-CASE-XNP-04389	C 15 M71-21405	US-PATENT-APPL-SN-578923
C20 N/1-20342	US-PATENT-APPL-SN-523511	ļ	US-PATENT-CLASS-252-26
	US-PATENT-CLASS-60-265		US-PATENT-3,361,666
	US-PATENT-3,353,359	C15 N71-21404	NASA-CASE-XLA-01262 US-PATENT-APPL-SN-386800
C14 N/1-21006	NASA-CASE-XLA-01832 US-PATENT-APPL-SN-517858		US-PATENT-CLASS-156-3
	US-PATENT-CLASS-346-50		US-PATENT-3,356,549
	US-PATENT-3,354,462	c09 N71-21449	NASA-CASE-XMS-01991
c14 N71-21007	NASA-CASE-IMS-06236	Į	US-PATENT-APPL-SN-410326 US-PATENT-CLASS-323-22
	US-PATENT-APPL-SN-482670 US-PATENT-CLASS-73-290		US-PATENT-3,344,340
	#S-PATENT-3.355.948	c10 N71-21473	
c14 N71-21040	NASA-CASE-XMS-03478	ļ	OS-PATENT-APPL-SN-312443
	US-PATENT-APPL-SN-422100		US-PATENT-CLASS-343-113 US-PATENT-3,340,532
	US-PATENT-CLASS-250-207 US-PATENT-3,358,145	-11 N71-21474	05-FAILERT-3,340,332
c08 N71-21042	NASA-CASE-XGS-01021	011 871 21414	US-PATENT-APPL-SN-480210
	US-PATENT-APPL-SN-279646		US-PATENT-CLASS-35-12
	US-PATENT-CLASS-340-174.1	44	US-PATENT-3,330,052
-30 874 04085	US-PATENT-3,327,298 NASA-CASE-XLA-01731	C11 N/1-214/5	NASA-CASE-XLA-05378 US-PATENT-APPL-SN-484156
C32 N/1-21045	US-PATENT-APPL-SN-425365		US-PATENT-CLASS-73-343
	US-PATENT-CLASS-52-2	1	DS-PATENT-3_331_246
	US-PATENT-3,364,631	c07 N71-21476	NASA-CASE-INP-00746
c15 N71-21060	NASA-CASE-XLA-03660 US-PATENT-APPL-SN-482307		US-PATENT-APPL-SN-271824 US-PATENT-CLASS-235-181
	US-PATENT-CLASS-95-53		US-PATENT-3,359,409
	US-PATENT-3,361,045	c11 N71-21481	NASA-CASE-ILA-01326
c31 N71-21064	NASA-CASE-XGS-02554		US-PATENT-APPL-SN-422097
	US-PATENT-APPL-SN-504266 US-PATENT-CLASS-244-1		US-PATENT-CLASS-73-147 US-PATENT-3,345,866
	US-PATENT-3,350,034	c10 N71-21483	WASA-CASE-XGS-01155
c18 N71-21068	NASA-CASE-XNP-02888		US-PATENT-APPL-SN-557871
	US-PATENT-APPL-SN-409126		US-PATENT-CLASS-343-16 US-PATENT-3,344,425
	US-PATENT-CLASS-239-265.11 US-PATENT-3,347,465 NASA-CASE-XAC-02981	c15 N71-21489	NA5A-CASE-XNP-06914
c14 N71-21072	NASA-CASE-XAC-02981	<b>VIO III. ( 2 ) ( 1 )</b>	US-PATENT-APPL-SN-590147
	US-PATENT-APPL-SN-464879		US-PATENT-CLASS-85-33
	US-PATENT-CLASS-73-398 US-PATENT-3,352,157		US-PATENT-3,352,192 NASA-CASE-XLA-10450
c15 N71-21076	WASA-CASE-XMS-03745	C20 W71-21493	US-PATENT-APPL-SN-594587
	US-PATENT-APPL-SN-534295		US-PATENT-CLASS-239-265.19
	US-PATENT-CLASS-24-263	22 124 24507	US-PATENT-3,347,466 NASA-CASE-XLE-04603
c15 N31-31678	US-PATENT-3,346,929 NASA-CASE-XNP-03459	C33 N/1-2150/	US-PATENT-APPL-SN-638194
015 877 27010	US-PATENT-APPL-SN-457879	1	US-PATENT-CLASS-60-243
	US-PATENT-CLASS-29-495		US-PATENT-3,347,046
-14 N71 01000	US-PATENT-3,357,093 NASA-CASE-XLA-03102	c15 N71-21528	NASA-CASE-XLA-01446 US-PATENT-APPL-SN-400613
C14 N/1-210/9	US-PATENT-APPL-SN-576195		US-PATENT-CLASS-53-102
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	US-PATENT-3,364,578	c15 N71-21529	NASA-CASE-XGS-02422
c14 N71-21082	NASA-CASE-XGS-02629 US-PATENT-APPL-SN-500435	ĺ	US-PATENT-APPL-SN-493943 US-PATENT-CLASS-74-126
	US-PATENT-APPL-SN-50U435 US-PATENT-CLASS-244-1	1	US-PATENT-3,331,255
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	US-PATENT-CLASS-250-83.3 US-PATENT-3,348,048	c15 N71-21531	NASA-CASE-XNP-02341
c12 N71-21089	NASA-CASE-XMS-01905		US-PATENT-APPL-SN-432025
	US-PATENT-APPL-SN-280580		US-PATENT-CLASS-52-127
	US-PATENT-CLASS-141-91 US-PATENT-3,331,404	046 271-24636	US-PATENT-3,330,082 NASA-CASE-XMS-06876
c14 N71-21090	NASA-CASE-XLE-00787	C13 #11-21330	US-PATENT-APPL-SN-605100
	US-PATENT-APPL-SN-330210		US-PATENT-CLASS-72-34
	US-PATENT-CLASS-324-33		US-PATENT-3,345,840
c14 N71-21091	US-PATENT-3,346,806 NASA-CASE-XNP-02983	C09 N71-21583	NASA-CASE-XLE-02008 US-PATENT-APPL-SN-487342
014 1171 21031	US-PATENT-APPL-SN-407599		US-PATENT-CLASS-338-64
	US-PATENT-CLASS-73-88.5		US-PATENT-3,329,918
.45 ND4 D44D0	US-PATENT-3,350,926	□ □33 N71-21586	NASA-CASE-XIA-01794
C15 N/1-21177	NASA-CASE-XAC-06956 US-PATENT-APPL-SN-538166	[	US-PATENT-APPL-SN-464880 US-PATENT-CLASS-73-86
	US-PATENT-CLASS-259-71		US-PATENT-3,357,237
	US-PATENT-3.347.531	c18 N71-21651	NASA-CASE-XMP-01402
c15 N71-21179	NASA-CASE-XLA-01401		US-PATENT-APPL-SN-328140 US-PATENT-CLASS-161-68
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### 105-PATENT-1, 131, 151   C14 #71-22765   SASA-CASS-LAR-00033   OPERATOR CLASS-1, 131, 152   OPERATOR CLASS-1, 131, 152   OPERATOR CLASS-1, 131, 152   OPERATOR CLASS-1, 131, 152   OPERATOR CLASS-1, 131, 152   OPERATOR CLASS-1, 131, 152   OPERATOR CLASS-1, 131, 152   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATOR CLASS-1, 132, 132   OPERATO		
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US-PATENT-2, 359, 855   US-PATENT-3, 359, 855   US-PATENT-4, 359, 855   US-PATENT-4, 358-3, 341, 375   US-PATENT-4, 358-3, 341, 375   US-PATENT-4, 358-3, 341, 375   US-PATENT-4, 341, 977   US-PATENT-4, 341, 977   US-PATENT-4, 341, 977   US-PATENT-4, 341, 977   US-PATENT-4, 341, 977   US-PATENT-4, 341, 977   US-PATENT-4, 341, 977   US-PATENT-4, 341, 977   US-PATENT-4, 341, 977   US-PATENT-4, 341, 977   US-PATENT-4, 341, 977   US-PATENT-4, 341, 977   US-PATENT-4, 341, 977   US-PATENT-4, 341, 978   US-PATENT-4, 341, 379, 340   US-PATENT-4, 341, 379, 340   US-PATENT-4, 341, 379, 340   US-PATENT-4, 341, 379, 340   US-PATENT-4, 341, 379, 340   US-PATENT-4, 341, 371, 430   US-PATENT-4, 341, 371, 430   US-PATENT-4, 341, 371, 430   US-PATENT-4, 341, 341, 341, 341, 341, 341, 341, 34		
C15 N71-22705   NASA-CASS-XGS-O2868   US-PATENT-APPL-SN-3369334   US-PATENT-CLASS-88-1   US-PATENT-APPL-SN-3369334   US-PATENT-APPL-SN-369334   US-PATENT-APPL-SN-512559   US-PATENT-APPL-SN-655724   US-PATENT-APPL-SN-655724   US-PATENT-APPL-SN-655724   US-PATENT-APPL-SN-61259   US-PATENT-APPL-SN-66875   US-PATENT-APPL-SN-66875   US-PATENT-APPL-SN-66875   US-PATENT-APPL-SN-646875   US-PATENT-APPL-SN-646875   US-PATENT-APPL-SN-646875   US-PATENT-CLASS-340-172.5   US-PATENT-APPL-SN-64874   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL-SN-639708   US-PATENT-APPL		
### STATEMT CLASS-51-57 ### OUS-PATEMT-3,341,977 ### OUS-PATEMT-3,341,977 ### OUS-PATEMT-3,341,977 ### OUS-PATEMT-3,369,310 ### OUS-PATEMT-CLASS-137-496 ### OUS-PATEMT-CLASS-340-1714 ### OUS-PATEMT-CLASS-340-1715 ### OUS-PATEMT-CLASS-340-1715 ### OUS-PATEMT-3,369,322 ### OUS-PATEMT-CLASS-340-172.5 ### OUS-PATEMT-3,369,322 ### OUS-PATEMT-CLASS-340-172.5 ### OUS-PATEMT-APPL-SM-508170 ### OUS-PATEMT-APPL-SM-508170 ### OUS-PATEMT-APPL-SM-508170 ### OUS-PATEMT-APPL-SM-508170 ### OUS-PATEMT-APPL-SM-508170 ### OUS-PATEMT-APPL-SM-508170 ### OUS-PATEMT-APPL-SM-508170 ### OUS-PATEMT-APPL-SM-508170 ### OUS-PATEMT-3,369,223 ### OUS-PATEMT-3,369,223 ### OUS-PATEMT-3,340,233 ### OUS-PATEMT-3,342,653 ### OUS-PATEMT-3,342,653 ### OUS-PATEMT-3,343,403 ### OUS-PATEMT-3,383,036 ### OUS-PATEMT-3,383,036 ### OUS-PATEMT-3,383,036 ### OUS-PATEMT-3,383,036 ### OUS-PATEMT-3,383,036 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 ### OUS-PATEMT-3,373,464 #		US-PATENT-APPL-SN-369334
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COS N/1-2230/	US-PATENT-APPL-SN-537617		US-PATENT-CLASS-251-148
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	US-PATENT-CLASS-73-9 US-PATENT-3,376,730	A10 N71=13020	US-PATENT-3,365,665 NASA-CASE-XNP-01659
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	US-PATENT-CLASS-106-40		HS-PATENT-3.340.395
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	US-PATENT-CLASS-312-1		NASA-CASE-XNP-04817
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	US-PATENT-CLASS-5-82		HC-DAMENH-2 200 200
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	US-PATENT-CLASS-307-263 US-PATENT-3,417,266	c10 N71-23544	US-PATENT-3,393,347 NASA-CASE-XNP-05382
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	US-PATENT-CLASS-74-5.47		PRC 404 F - TWETTE PRO - 7 404 289
	US-PATENT-3,415,126 NASA-CASE-XLE-10715	c09 N71-23548	NASA-CASE-XNP-06507 US-PATENT-APPL-SN-605099
626 N71-23292	US-PATENT-APPL-SN-603397		US-PATENT-CLASS-333-98
	OS-PATENT-CLASS-252-62.3	-00 874 11572	US-PATENT-3,419,827 NASA-CASE-XGS-01418
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227 *** ( 22277	US-PATENT-APPL-SN-563651		US-PATENT-CLASS-333-73
	US-PATENT-CLASS-60-202 US-PATENT-3,412,559	c09 N71-23598	US-PATENT-3,393,384 NASA-CASE-XER-11019
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c09 N71-23311	US-PATENT-APPL-SN-502739		US-PATENT-APPL-SN-466868 US-PATENT-CLASS-310-4
	US-PATENT-CLASS-307-260		UC_DAMENM_ 2 202 220
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C10 N/1-23313	US-PATENT-APPL-SN-536216		US-PATENT-CLASS-148-1.5
	US-PATENT-CLASS-307-234	~40 <b>234</b> 00650	US-PATENT-3,390,020 NASA-CASE-XLE-02647
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CO3 471-23334	US-PATENT-APPL-SN-580671		US-PATENT-CLASS-331-111
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CU/ N/1-23403	US-PATENT-APPL-SN-432026	lt.	US-PATENT-APPL-SN-635972 US-PATENT-CLASS-29-182.1
	US-PATENT-CLASS-325-163	-10 ×74 00700	OS-PATENT-3,419,363
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COO #11-2332/	US-PATENT-APPL-SN-427990	ļ	us-patent-appl-sn-608944 us-patent-class-219-130
	US-PATENT-CLASS-23-230	adt und anaxi	#S-PATRNT-3.469.069
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	US-PATENT-APPL-SN-416945	1	US-PATENT-CLASS-74-89.18

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US-PATENT-3,472,086	c15 N71-24164
US-PATENT-3,472,086 c15 N71-23810 NASA-CASE-XLE-05033	US-PATENT-APPL-SN-499122
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	US-PATENT-3,416,988
US-PATENT-CLASS-252-12 US-PATENT-3,466,243 C15 N71-23811 NASA-CASE-XNP-05297	c16 N71-24170 NASA-CASE-XLA-04295
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	US-PATENT-CLASS-73-88.5
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nc named 2 267 274	CO9 N71-24596
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	US-PATENT-CLASS-73-17
US-PATENT-3,409,730 CO5 N71-24147 NASA-CASE-XHS-10269	US-PATENT-3,546,920
COS N71-24147	c07 N71-24612 NASA-CASE-XMF-06092
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CU/ N/1-24615	NASA-CASE-NPO-10851	1	US-PATENT-CLASS-244-1
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	US-PATENT-CLASS-325-325	c05 N71-24729	NASA-CASE-ESC-13282-1
02 424 00/45	US-PATENT-3,551,816 NASA-CASE-XKS-09340		US-PATENT-APPL-SN-8498
CU/ N/1-24614		1	US-PATENT-CLASS-128-2.1
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	US-PATENT-CLASS-128-2.06	C28 #/1-24/36	NASA-CASE-RLE-03157
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c07 N71~24622			US-PATENT-CLASS-128-25
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	US-PATENT-CLASS-324-77	1	US-PATENT-CLASS-260-2-5
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c05 N71-24623	NASA-CASE-XHS-09635	C05 N71-24740	US-PATENT-3,549,564 NASA-CASE-XMF-03074
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	US-PATENT-CLASS-2-2.1		US-PATENT-CLASS-260-72.5
	OS-PATENT-3,516,091		#5-₽AΨ₽₩Ψ±3 516 071
c07 N71-24624	NASA-CASE-GSC-10131-1	c07 N71-24741	NASA-CASE-MPO-10118
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	OS-PATENT-APPL-SN-679055	1	US-PATENT-APPL-SN-434148
	US-PATENT-CLASS-235-153	ſ	US-PATENT-CLASS-102-50
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c15 N71-24679	US-PATENT-3,537,103 NASA-CASE-XNP-10475	-10 N71 24700:	US-PATENT-3,546,694
	US-PATENT-APPL-SN-763868	C10 H71-24799	US-PATENT-3,546,694  NASA-CASE-INP-06505  US-PATENT-APPL-SN-562933
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c12 N71-24692	NASA-CASE-XFR-02007	C09 N71-24803	
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c15 N71-24694	US-PATENT-3,360,864		US-PATENT-3,540,050
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c15 N71-24696	35-FAIDNI-3,407,201	-00 074 0000	US-PATENT-3,550,023
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	US-PATENT-CLASS-324-181		US-PATENT-CLASS-310-4
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c05 N71-24729	US-PATENT-3,545,226 NASA-CASE-MSC-12243-1	C16 N71-24828	NASA-CASE-XAC-10770-1
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c	US-PATENT-CLASS-356-28		US-PATENT-CLASS-165-2 US-PATENT-3,270,802
٢	US-PATENT-3,547,540	_AG_974_3888A	NASA-CASE-XKS-06167
c17 x71-24830		C08 #11-549a0	OS-PATENT-APPL-SN-649076
	US-PATENT-APPL-SN-536210		US-PATENT-CLASS-235-155
•	GS-PATENT-CLASS-204-38 US-PATENT-3,472,742		US-PATENT-3,535,497
c16 N71-26931	BASA-CASE-BPO-10548	COS N71-24891	NASA-CASE-XNP-09759
	US-PATENT-APPL-SH-775072		US-PATENT-APPL-5M-6U6462
· · · · · · · · · · · · · · · · · · ·	US-PATENT-CLASS-330-4		US-PATENT-CLASS-235-92 US-PATENT-3,541,312
•	US-PATENT-3,486,123	c09 N71-24892	NASA-CASE-NPO-10716
c16 N71-24832		C03 N11-74037	US-PATENT-APPL-SN-851394
	US-PATENT-APPL-SN-800973 US-PATENT-CLASS-331-94.5		US-PATENT-CLASS-307-104
	US-PATENT-3,550,034	·	US-PATENT-CLASS-317-123
c15 N71-24833	WASA-CASE-XHF-03793	·	US-PATENT-CLASS-317-148.5
015 111 24055	US-PATENT-APPL-SN-453225		US-PATENT-3,549,955
+	US-PATENT-CLASS-72-56	C09 N71-24893	NASA-CASE-ERC-10125 US-PATENT-APPL-SN-773029
	OS-PATENT-3,360,972 NASA-CASE-XNP-05634		US-PATENT-CLASS-323-56
C15 N71-24834		Į.	US-PATENT-3,541,428
	US-PATENT-APPL-SN-605096 US-PATENT-CLASS-73-95	c15 N71-24895	NASA-CASE-ILA-07473
,	US-PATENT-3,460,379	0,5 211 21050	OS-PATENT-APPL-SN-839935
c15 N71-28835	NASA-CASE-NPO-10123		US-PATENT-CLASS-318-265
013 477 24033	OS-PATENT-APPL-SN-731388		US-PATENT-3,546,552
	US-PATENT-CLASS-128-272	c15 N71-24896	NASA-CASE-ERC-10034 US-PATENT-APPL-SN-763706
	US-PATENT-CLASS-128-275	[	US-PATENT-CLASS-250-43.5
45	US-PATENT-3,540,449 HASA-CASE-XLB-08917-2	ĺ	US-PATENT-3,549,882
C15 H/1-24836	NASA-CASE-XLE-08917-2 US-PATENT-APPL-SN-852131	c15 N71-24897	NASA-CASE-XLA-03538
	US-PATENT-CLASS-72-60		US-PATENT-APPL-SN-749149
•	US-PATENT-3,541,825		US-PATENT-CLASS-294-83
CO7 N71-24840	NASA-CASE-NPO-10649	l i	US-PATENT-3,508,779
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	US-PATENT-3,541,450 NASA-CASE-XNP-09771	i	US-PATENT-CLASS-285-314
c09 N71-24841	US-PATENT-APPL-SN-698630	,	US-PATENT-CLASS-285-317
	US-PATENT-CLASS-333-83	1	US-PATENT-CLASS-285-406
	US-PATENT-3,541,479	,	US-PATENT-3,545,792
c09 N71-24842	NASA-CASE-MSC-12209	CO9 N71-24904	NASA-CASE-MFS-20385
*	US-PATENT-APPL-SN-881039		US-PATENT-APPL-SR-853716 US-PATENT-CLASS-310-10
	US-PATENT-CLASS-343-797		US-PATENT-3,541,361
_00 #74 0#0h2	US-PATENT-3,546,705 NASA-CASE-MHF-06617	c15 N71-24910	NASA-CASE-ERC-10045
C03 N71-24043	US-PATENT-APPL-SN-656993	}	US-PATENT-APPL-SN-763685
	US-PATENT-CLASS-324-71		US-PATENT-CLASS-73-40.7
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c10 N71-24844	NASA-CASE-NPO-10169 US-PATENT-APPL-SN-701733	G [ ] ] [ [ - 243 [ ]	US-PATENT-APPL-SN-605093
	US-PATENT-CLASS-328-171	1	US-PATENT-CLASS-118-308
	US-PATENT-3,541,459	1	US-PATENT-3,472,202
c23 N71-24857	NASA-CASE-KMS-06056-1	c18 N71-24934	NASA-CASB-NPO-10051 US-PATENT-APPL-SN-711898
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	US-PATENT-CLASS-350-189 US-PATENT-3,472,577	1	US-PATENT-3,548,633
N21-28959	MASA-CASE-MFS-14253	c21 N71-24948	NASA-CASE-ERC-10090
C33 H11-24030	US-PATENT-APPL-SN-709622		US-PATENT-APPL-SN-811542
	US-PATENT-CLASS-161-69		US-PATENT-CLASS-343-112
•	US-PATENT-3,551,266	c11 N71-24964	US-PATENT-3,550,129 NASA-CASE-NPO-10141
c10 N71-24861	NASA-CASE-XNF-05195 US-PATENT-APPL-SN-785595	C11 N/1-24964	US-PATENT-APPL-SN-673227
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c10 N71-24862	BASA-CASE-FRC-10010	- c15 N71-24984	NASA-CASE-MPS-14971
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	US-PATENT-CLASS-307-235 US-PATENT-3,543,050 NASA-CASE-XMP-02966 US-PATENT-APPL-SN-560968 US-PATENT-CLASS-324-70 US-PATENT-3,406,336	1	US-PATENT-CLASS-74-468 US-PATENT-3,541,875
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C10 N71-24863	DS_DBTRNT_SPI_SN-560968	011 #71- 24303	US-PATENT-APPL-5N-845973
	US-PATENT-CLASS-324-70	1	US-PATENT-CLASS-73-15
	US-PATENT-3,406,336		US-PATENT-3,545,252
c14 N71-24864	NASA-CASE-XLE-04503	c10 N71-25139	NASA-CASE-MFS-10068
- +	US-PATENT-APPL-SN-606463		US-PATENT-APPL-5N-700541 US-PATENT-CLASS-321-9
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C12 X11-74003	US-PATENT-APPL-SN-837378	1	US-PATENT-APPL-SN-791288
	US-PATENT-CLASS-72-56	1	NASA-CASE-GSC-10709-1 US-PATENT-APPL-SN-791288 US-PATENT-CLASS-60-202 US-PATENT-3,545,208
	US-PATENT-3,540,250	:	US-PATENT-3,545,208 NASA-CASE-MFS-14023
c23 N71-24868	US-VATERT-1,340,250 NASA-CASE-ERC-10001	C33 N71-25351	US-PATENT-APPL-SN-795217
	US-PATENT-APPL-SH~712099 US-PATENT-CLASS-350-310	1	US-PATENT-CLASS-52-249
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-15 N71-20A75	NASA-CASE-XLA-06199	1	US-PATENT-CLASS-62-45
012 Htt-24014	US-PATENT-APPL-SN-/VZ3   1	1	US-PATENT-CLASS-161-161
	US-PATENT-CLASS-148-6.11	Ī	US-PATENT-CLASS-220-9
	US-PATENT-3,540,942 WASA-CASE-XNP-05524	G33 N74_25251	US-PATENT-3,540,615 NASA-CASE-HFS-20355
C33 N71-24876	US-PATENT-APPL-SN-250567	033 ar (= 23333	US-PATENT-APPL-SN-845974
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	US-PATENT-CLASS-219-530		U2-D3-D1-3 560 004
	US-PATENT-CLASS-244-1	c09 N71-26000	NASA-CASE-INP-08567
	US-PATENT-3,548,930		US-PATENT-APPL-SN-640783
c32 N71-25360	US-PATENT-APPL-SN-808577	]	US-PATENT-CLASS-307-88
	US-PATENT-APPL-SN-0085// US-PATENT-CLASS-73-90	C00 N71-26002	US-PATENT-3,466,459 NASA-CASE-XMS-04213-1
	HS-PATENT-3.546.931	C09 N71-20002	US-PATENT-APPL-SN-607484
c31 N71-25434	NASA-CASE-MSC-13047-1		US-PATENT-CLASS-128-2.1
	US-PATENT-APPL-SN-850586		US-PATENT-3,468,303
	US-PATENT-CLASS-244-1	c03 N71-26084	NASA-CASE-LEW-11358
	US-PATENT-CLASS-244-113		US-PATENT-APPL-SN-787906
	US-PATENT-CLASS-244-138 US-PATENT-3,547,376	1	US-PATENT-CLASS-136-6 US-PATENT-3,554,806
c26 N71=25490	NASA-CASE-ERC-10088	C10 N71-26085	NASA-CASE-GSC-10735-1
C10 W/ 1 23430	US-PATENT-APPL-SN-760927		US-PATENT-APPL-SN-863963
	US-PATENT-CLASS-73-141		US-PATENT-CLASS-321-2
	US-PATENT-3,537,305		US-PATENT-3,559,031
c24 N71-25555	U5-PATENT-3,537,305 NASA-CASE-XNP-09469	c09 N71-26092	US-PATENT-3,559,031 NASA-CASE-XNP-07477
	US-PATENT-APPL-SN-645573		US-PATENT-APPL-SN-605098
	US-PATENT-CLASS-204-168 US-PATENT-3,540,989		US-PATENT-CLASS-318-258 US-PATENT-3,501,604
c10 N71-25865	NASA-CASE-KSC-10002	c18 N71-26100	NASA-CASE-XLA-04251
010 117 25000	US-PATENT-APPL-SN-782956		US-PATENT-APPL-SN-657742
	US-PATENT-CLASS-178-69.5		US-PATENT-CLASS-117-104
	US-PATENT-3,567,861 NASA-CASE-ARC-10003-1		US-PATENT-3,553,002 NASA-CASE-NPO-10231
c09 N71-25866		c07 N71-26101	
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c18 N71-25881	NASA-CASE-XGS-05180		NASA-CASE-XNP-09830
	US-PATENT-APPL-SN-721607		US-PATENT-APPL-SN-593607
	US-PATENT-CLASS-260-37		US-PATENT-CLASS-178-6.6
-40 NT4-15001	US-PATENT-3,567,677 NASA-CASE-GSC-10022-1	-40 W74 0C400	US-PATENT-3,474,192 NASA-CASE-XNP-04623
CIU N71-23862	US-PATENT-APPL-SN-785546	C10 N/1-26103	US-PATENT-APPL-SN-510150
	US-PATENT-CLASS-331-113		DS-PATENT-CLASS-340-146.1
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ċ14 N71-25892	NASA-CASE-XLA-04555-1	c02 N71-26110	NASA-CASE-LAR-10249-1
	US-PATENT-APPL-SN-594584		US-PATENT-APPL-SN-835060
	OS-PATENT-CLASS-148-13	ļ	US-PATENT-CLASS-244-42
c10 N71-25899	US-PATENT-3,468,727 NASA-CASE-LEW-10345-1	c09 N71=26123	US-PATENT-3,576,301 NASA-CASE-MFS-20075
C10 M71-23033	US-PATENT-APPL-SN-805298	LV3 N71-20133	US-PATENT-APPL-SN-835059
	US-PATENT-CLASS-137-81.5		US-PATENT-CLASS-317-101
	US-PATENT-CLASS-235-201		US-PATENT-CLASS-339-17
-40 274 25000	US-PATENT-3,568,702 NASA-CASE-ERC-10032	45 -54 04464	US-PATENT-3,575,638
C10 N/1-25900	US-PATENT-APPL-SN-757857	c15 N71-26134	NASA-CASE-XKS-07953
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c14 N71-25901	NASA-CASE-XLA-02810		US-PATENT-APPL-SN-480211
	US-PATENT-APPL-SN-764252		US-PATENT-CLASS-324-43
	US-PATENT-CLASS-250-43.5	40	US-PATENT-3,564,401 NASA-CASE-XLA-01782
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	US-PATENT-CLASS-340-233 US-PATENT-CLASS-340-285	1	US-PATENT-APPL-SN-576792 US-PATENT-CLASS-73-15.6
•	US-PATENT-3,569,710	i	US-PATENT-3,472,060
c17 N71-25903	NASA-CASE-XLA-08966-1	c14 N71-26137	NASA-CASE-LAR-10305
	US-PATENT-APPL-SN-570678		US-PATENT-APPL-SN-811037
	US-PATENT-CLASS-204-33		US-PATENT-CLASS-324-0.5
c16 N71-25914	US-PATENT-3,468,765	1	US-PATENT-CLASS-324-58.5
C10 R11 20314	US-PATENT-APPL-SN-512561	c10 N71-26142	US-PATENT-3,562,631 NASA-CASE-NPO-10302
	US-PATENT-CLASS-250-199	010 11/1-20142	US-PATENT-APPL-SN-848811
	US-PATENT-3,469,087		US-PATENT-CLASS-343-768
c10 N71-25917	NASA-CASE-NPO-10595		HC-PATRNT-3.553.704
	US-PATENT-APPL-SN-771760	c15 N71-26145	NASA-CASE-PRC-10005
	US-PATENT-CLASS-340-347		US-PATENT-APPL-SN-756266
c06 N71-25929	US-PATENT-3,569,956 		US-PATENT-CLASS-33-189
	US-PATENT-APPL-SN-756381	c15 N71-26148	US-PATENT-3,562,919 NASA-CASE-XMF-05114-2
	US-PATENT-CLASS-260-2.5	20,140	US-PATENT-APPL-SN-837377
. 48	US-PATENT-3,557,027		US-PATENT-CLASS-72-56
c10 N71-25950	NASA-CASE-XGS-06226	1	US-PATENT-3,555.867
	US-PATENT-APPL-SN-676387	c18 N71-26153	NASA-CASE-XLE-03940
	US-PATENT-CLASS-331-113 US-PATENT-3,466,570	1	US-PATENT-APPL-SN-539255
c15 N71-25975	03-PATEN1-3,486,570		US-PATENT-CLASS-148-126 US-PATENT-3,472,709
	US-PATENT-APPL-SN-797056	c16 N71-26158	NASA-CASE-ERC-10020
	US-PATENT-CLASS-24-205.17		US-PATENT-APPL-5N-709399
ann ×14 25025	US-PATENT-3,469,289		US-PATENT-CLASS-350-3.5
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	US-PATENT-APPL-SN-754019	CIO N/1-26155	NASA-CASE-LAR-10373-1

			US-PATENT-APPL-SN-618969
	DS-PATENT-APPL-SN-761007		US-PATENT-CLASS-2-6
•	US-PATENT-CLASS-260-2.5		US-PATENT-3,473,165
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c14 N71-26161	NASA-CASE-XLA-08254	CIU N/1-20334	US-PATENT-APPL-SN-796691
	US-PATENT-APPL-SN-867843		US-PATENT-CLASS-317-DIG. 3
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C13 N/1-26162	NASA-CASE-MSC-15474-1 US-PATENT-APPL-SN-878731	c10 N71-26339	
	US-PATENT-CLASS-24-263	C10 H11 E0333	US-PATENT-APPL-SN-723805
,	US-PATENT-3,564,564		US-PATENT-CLASS-73-432
a20 871_16472	NASA-CASE-LEW-10689-1		US-PATENT-3,472,080
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•	US-PATENT-CLASS-60-202		US-PATENT-APPL-SN-605091
	US-PATENT-3,552,125	•	US-PATENT-CLASS-72-61
c07 N71-26181			US-PATENT-3,461,700
20101	US-PATENT-APPL-SN-839941	c10 N71-26374	NASA-CASE-GSC-11367
-f	US-PATENT-CLASS-179-1		US-PATENT-APPL-SN-675238
	US-PATENT-3,555,192		US-PATENT-CLASS-337-18
c09 N71-26182	NASA-CASE-NPO-10625	·	US-PATENT-3,484,712
	US-PATENT-APPL-SN-856415	c12 N71-26387	NASA-CASE-XLA-05541
	US-PATENT-CLASS-60-23		US-PATENT-APPL-SN-700986
•	US-PATENT-CLASS-313-236		US-PATENT-CLASS-73-301
**	US-PATENT-CLASS-313-237		US-PATENT-3,473,379
	OS-PATENT-3,562,575	c10 N71-26414	NASA-CASE-XMF-04958-1
c15 N71-26185	NASA-CASE-MFS-14711		US-PATENT-APPL-SN-448365
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c15 N71-26189			US-PATENT-CLASS-330-13
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c14 N71-26199	US-PATENT-APPL-SN-816988		US-PATENT-CLASS-340-174
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	US-PATENT-3,566,676	¢10 N71-26434	
c22 N71-26206	NASA-CASE-KGS-08269		US-PATENT-APPL-SN-487940
C23 N11-20200	ns-patrnt-appl-sn-787393		US-PATENT-CLASS-340-174
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c15 N71-26243	NASA-CASE-MSC-10959		US-PATENT-APPL-SN-601229
	US-PATENT-APPL-SN-725719		US-PATENT-CLASS-95-44
	US-PATENT-CLASS-188-1		US-PATENT-3,472,140
*	US-PATENT-3,420,338	c14 N71-26475	NASA-CASE-XNP-09701
c14 N71-26244	NASA-CASE-XNS-06497	<b>l</b>	US-PATENT-APPL-SN-584015
*	DS-PATENT-APPL-SN-617778	1	US-PATENT-CLASS-250-83.3
	US-PATENT-CLASS-324-175	1 40	US-PATENT-3,461,290 NASA-CASE-GSC-10413
	US-PATENT-3,464,012	c10 N71-26531	nc_bambum_appa_cw_790Ab3
c14 N71-26266	NASA-CASE-XNP-09830	1	US-PATENT-APPL-SN-789043 US-PATENT-CLASS-317-20
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C18 N/1-20203	US-PATENT-APPL-SN-889376	031 871 20337	NASA-CASE-GSC-10557-1
·	OS-PATENT-CLASS-2-81	i	US-PATENT-APPL-SN-808193
	US-PATENT-CLASS-2-275		US-PATENT-CLASS-74-5.12
	US-PATENT-CLASS-112-402	1	US-PATENT-CLASS-244-1
	US-PATENT-3,563,198		US-PATENT-CLASS-308-1
c07 N71-26291	NASA-CASE-HQN-10541-1		US-PATENT-3,554,466
	US-PATENT-APPL-SN-494739	c10 N71-26544	US-PATENT-3,554,466 NASA-CASE-NPO-10344
	US-PATENT-CLASS-350-96		US-PATENT-APPL-SN-/32921
	US-PATENT-3,556,634		US-PATENT-CLASS-340-347
c07 N71-26292	NASA-CASE-XKS-10543	-4D -554 04554	US-PATENT-3,566,396 NASA-CASE-FRC-10022
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	US-PATENT-3,553,586 NASA-CASE-XFR-07658-1	1	
CO2 N/1-59583	US-PATENT-APPL-SN-586324	C10 N71-26577	US-PATENT-CLASS-73-194 US-PATENT-3,555,898 US-PATENT-3,555,898 US-PATENT-APPL-SN-704299 US-PATENT-CLASS-325-41
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c16 b74-26200	US-PATENT-3,420,740 NASA-CASE-XNP-02862-1 US-PATENT-APPL-SN-556830		nc. himsum. 2 566 369
C15 M/1-20234	US-PATENT-APPL-SN-556830	c07 N71-26579	NASA-CASE-XMS-06740-1
	US-PATENT-CLASS-277-13		US-PATENT-APPL-SN-554277
	HS-PATENT-3.468.548		US-PATENT-CLASS-178-6
c15 N71-26312	NASA-CASE-XNP-01263-2	1	US-PATENT-3,470,313 NASA-CASE-MSC-11817-1
	US-PATENT-APPL-SN-718279		
	US-PATENT-CLASS-287-189.365	<u> </u>	
	US-PATENT-3,481,638	1	US-PATENT-CLASS-165-44
c10 N71-26326	WASA-CASE-NPO-10143		US-PATENT-CLASS-165-86
	US-PATENT-APPL-SN-692331		US-PATENT-CLASS-188-86
•	US-PATENT-CLASS-58-24 US-PATENT-3,472,019		US-PATENT-CLASS-244-1 US-PATENT-CLASS-244-57
-40 224 06104	NASA-CASE-XNP-10854	1	US-PATENT-3,563,307
C10 N/1-20331	US-PATENT-APPL-SN-668248	C10 N71-26626	NASA-CASE-GSC-10891-1
	US-PATENT-CLASS-330-31	1.0 4/1 20020	US-PATENT-APPL-SN-568620
	DS-PATRNT-3-482-179	1	US-PATENT-CLASS-307-53
c05 N71-26333	NASA-CASE-XMS-09652-1	1	US-PATENT-3,480,789
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c14 N71-26627	NASA-CASE-MFS-14017	1	US-PATENT-CLASS-313-22
	US-PATENT-APPL-SN-762956	1	US-PATENT-3,564,234
	US-PATENT-CLASS-248-183	c14 N71-26788	NASA-CASE-MFS-20240
	US-PATENT-CLASS-308-9 US-PATENT-3,559,937	ł	US-PATENT-APPL-SN-825259 US-PATENT-CLASS-356-203
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013 111 20033	US-PATENT-APPL-SN-874733	c09 N71-27001	US-PATENT-3,563,668 NASA-CASE-XGS-11177
	US-PATENT-CLASS-74-89.15	į	US-PATENT-APPL-SN-828921
	US-PATENT-CLASS-74-424.8	1	US-PATENT-CLASS-317-9
20 11-1 26 (1) 2	US-PATENT-3,576,135	1	US-PATENT-CLASS-317-33
C28 N/1-20642	US-PATENT-APPL-SN-758390	C14 N71=27005	US-PATENT-3,571,656 NASA-CASE-MPS-20261
	US-PATENT-CLASS-60-202	0.4 27005	US-PATENT-APPL-SN-845990
	US-PATENT-3,552,124	1	US-PATENT-CLASS-1
c23 N71-26654		ŀ	US-PATENT-CLASS-141-258
	US-PATENT-APPL-SN-798277		US-PATENT-CLASS-222-49
	US-PATENT-CLASS-62-514		US-PATENT-CLASS-222-137 US-PATENT-3,568,885
c14 ¥71=26672	US-PATENT-3,564,866 NASA-CASE-ERC-10033	C15 N71=27006	US-PATERT-3,366,665 NASA-CASE-LAR-10083-1
CIT WIT ECOPE	US-PATENT-APPL-SN-801660		US-PATENT-APPL-SN-837825
	US-PATENT-CLASS-73-49.3		US-PATENT-CLASS-73-147
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	US-PATENT-APPL-SN-694246 US-PATENT-CLASS-356-154		US-PATENT-APPL-SN-756511 US-PATENT-CLASS-307-234
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c19 N71-26674	NASA-CASE-XGS-04173	1	US-PATENT-CLASS-307-273
	US-PATENT-APPL-SN-658964	i	US-PATENT-CLASS-328-120
	US-PATENT-CLASS-350-285		US-PATENT-CLASS-330-30
00 454 04450	US-PATENT-3,560,081 NASA-CASE-ERC-10013	-44 324 05005	US-PATENT-3,569,744 NASA-CASE-XNP-09770-3
CU9 N/1-266/8	US-PATENT-APPL-SN-802972	C11 N/1-2/036	US-PATENT-APPL-SN-863967
	US-PATENT-CLASS-29-25.18	ļ	US-PATENT-CLASS-74-18.2
	US-PATENT-3.562.881		UC_DIMPMM_3 57h 286
c32 N71-26681	NASA-CASE-LAR-10098	c09 N71-27053	NASA-CASE-ERC-10113
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-00 NJ4-36701	US-PATENT-3,564,906 NASA-CASE-NPO-10331	ļ	US-PATENT-CLASS-323-60
CO3 871-20701	US-PATENT-APPL-SN-757625	CO7 N71-27056	US-PATENT-3,571,699 NASA-CASE-MSC-12205-1
	US-PATENT-CLASS-118-49.5	1 27030	US-PATENT-APPL-SN-882577
	US-PATENT-CLASS-204-298	!	US-PATENT-CLASS-325-16
	US-PATENT-3,556,048	ì	US-PATENT-CLASS-325-23
c15 N71-26721	NASA-CASE-LAR-10121-1		US-PATENT-CLASS-325-369
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	US-PATENT-CLASS-156-212		US-PATENT-3.573.797
	US-DATENT-3 565 <b>719</b>	c14 N71-27058	NASA-CASE-MSC-13276-1
c06 N71-26754	NASA-CASE-XNP-09451		US-PATENT-APPL-SN-880272
	US-PATENT-APPL-SN-713162	1	US-PATENT-CLASS-219-505
	US-PATENT-CLASS-23-253 US-PATENT-3,560,161	015 N71+27067	US-PATENT-3,575,585 NASA-CASE-XKS-07814
c18 N71-26772	NASA-CASE-XMF-07770-2	] (15 4) 1-2) (4)	US-PATENT-APPL-SN-672384
	US-PATENT-APPL-SN-711903	1	US-PATENT-CLASS-182-10
	US-PATENT-CLASS-106-296		US-PATENT-CLASS-188-65.5
40 004 04000	US-PATENT-3,576,656	I	US-PATENT-3,568,795
C1/ N/1+26//3	NASA-CASE-XNP-04262-2	C15 N71-27068	NASA-CASE-NPO-10796
	US-PATENT-APPL-SN-684894 US-PATENT-CLASS-75-66		US-PATENT-APPL-SN-815760 US-PATENT-CLASS-220-46
	HS-PATENT-3.565.607		NS-DATENT-3 568 874
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	US-PATENT-APPL-SN-686248		US-PATENT-APPL-SN-816733
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~28 ¥71_26770	US-PATENT-3,564,420 NASA-CASE-XLA-04126	-02 024 2702	US-PATENT-3,567,339
C20 M11-20175	NASA-CASE-XLA-04126 US-PATENT-APPL-SN-467820	C02 N/1-2/088	NASA-CASE-XLA-08967 US-PATENT-APPL-SN-837830
	US-PATENT-CLASS-86-1	}	US-PATENT-CLASS-244-90
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	US-PATENT-CLASS-102-101	c14 N71-27090	NASA-CASE-ERC-10044-1
	US-PATENT-CLASS-264-3	İ	US-PATENT-APPL-SN-811892
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020 M/1-20/01	US-PATENT-APPL-SN-804172	1	US=PATENT=CLASS-250-83.6R
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	US-PATENT-CLASS-313-63	c15 N71-27091	NASA-CASE-MFS-13929
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a00 N74-00700	US-PATENT-3,576,107	1	US-PATENT-CLASS-152-225
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	US-PATENT-CLASS-240-51.11	1	US-PATENT-CLASS-73-117.4
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•	US-PATENT-CLASS-307-300 US-PATENT-3,566,158		US-PATENT-CLASS-343-840
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013 ATT 27133	US-PATENT-APPL-SN-822088		US-PATENT-3,569,976
	US-PATENT-CLASS-219-121	c05 N71-27234	NASA-CASE-XFR-07172 US-PATENT-APPL-SN-720041
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c10 N71-27137	NASA-CASE-XNP-06234 US-PATENT-APPL-SN-723827	COO M7 1-27233	US-PATENT-APPL-SN-555189
	US-PATENT-CLASS-235-92		US-PATENT-CLASS-179-100.2
*	US-PATENT-CLASS-328-49		US-PATENT-CLASS-340-146.1 US-PATENT-CLASS-340-172.5
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	US-PATENT-CLASS-188-1	Ç (V M. 1 E 1 E 1 . 1	US-PATENT-APPL-SN-779024
•	US-PATENT-CLASS-188-103	•	US-PATENT-CLASS-331-109
	US-PATENT-3,568,805		US-PATENT-CLASS-331-117 US-PATENT-CLASS-331-177
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	US-PATENT-APPL-SN-810575 US-PATENT-CLASS-188-1		US-PATENT-CLASS-340-166
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	US-PATENT-3,566,993		US-PATENT-CLASS-340-403
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	US-PATENT-CLASS-324-65		US-PATENT-CLASS-29-588 US-PATENT-3,566,459
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07 474 07404	US-PATENT-3,569,828 NASA-CASE-MFS-20068	CIV A/1 2/330	US-PATENT-APPL-SN-817482
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744	US-PATENT-APPL-SN-/6295/	[	US-PATENT-CLASS-178-7.1 US-PATENT-CLASS-178-7.3
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	US-PATENT-CLASS-340-174-1	C06 N71-27363	NASA-CASE-HQN-10364
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•	US-PATENT-CLASS-219-229 US-PATENT-CLASS-228-53	005 111-21304	US-PATENT-APPL-SN-777818
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c14 x71-27215	NASA-CASE-LAR-10204	1	US-PATENT-CLASS-321-64
	US-PATENT-APPL-SN-/66245		US-PATENT-CLASS-322-32 US-PATENT-3,571,693
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	US-PATENT-APPL-SN-799353 US-PATENT-CLASS-250-83	C10 N71-27766	US-PATENT-3,570,143
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	US-PATENT-CLASS-23-259	1	US-PATENT-CLASS-238-1
c18 N71-27397	DS-PATENT-3,565,584 NASA-CASE-XNP-02500		US-PATENT-CLASS-248-361 US-PATENT-CLASS-272-70
0.0 11.1 27357	OS-PATENT-APPL-SN-508169		US-PATRNT-3.583.322
	US-PATENT-CLASS-324-58.5 US-PATENT-CLASS-324-61	c06 N71-28620	NASA-CASE-NPO-10701 US-PATENT-APPL-SN-763355
	US-PATENT-3.569.827		US-PATENT-CLASS-260-47
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	US-PATENT-CLASS-307-126	C11 N/1-20029	US-PATENT-APPL-SN-845971
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	US-PATENT-APPL-SN-808192	c09 N71-28691	NASA-CASE-MPS-13687
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	US-PATENT-APPL-SN-809822 US-PATENT-CLASS-244-4	c18 N71-28729	NASA-CASE-LEW-10219-1 US-PATENT-APPL-SN-785780
	US-PATENT-3.570.785		US-PATENT-CLASS-148-126
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	US-PATENT-CLASS-60-51		US-PATENT-APPL-SN-375680
	US-PATENT-CLASS-91-361 US-PATENT-CLASS-91-390	II.	US-PATENT-CLASS-307-88.5
	US-PATENT-CLASS-91-448	c15 N71-28740	US-PATENT-3,271,594
-32 v74 270/2	US-PATENT-3,568,572 	:	US-PATENT-APPL-SN-820964
C33 N/1-2/002	US-PATENT-APPL-5N-706013	1	US-PATENT-CLASS-73-147 US-PATENT-CLASS-356-150
	US-PATENT-CLASS-310-4	3	US-PATENT-CLASS-356-152
c09 N71-28421	US-PATENT-3,535,562 		US-PATENT-CLASS-356-153 US-PATENT-3,583,815
	US-PATENT-APPL-SN-76847Q	c12 N71-28741	NASA-CASE-XLE-09341
	US-PATENT-CLASS-310-4 US-PATENT-3,578,992		US-PATENT-APPL-SN-780065 US-PATENT-CLASS-137-81.5
c07 N71-28429	NASA-CASE-MSC-13201-1	•	
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	US-PATENT-CLASS-332-30		US-PATENT-CLASS-161-89
c07 N71-28630	US-PATENT-3,579,147 NASA-CASE-GSC-10668-1	#22 U71_107E0	US-PATENT-3,579,412
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	US-PATENT-CLASS-307-296 US-PATENT-CLASS-325-185		US-PATENT-CLASS-176-45
	US-PATENT-CLASS-330-40	c11 N71-28779	US-PATENT-3,574,057
	US-PATENT-CLASS-330-124 US-PATENT-CLASS-330-200		US-PATENT-APPL-SN-212497
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	US-PATENT-CLASS-64-18	c06 N71-28808	US-PATENT-3,370,039 NASA-CASE-XNP-04023
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CU3 N7,-20400	US-PATENT-APPL-SN-799013		US-PATENT-CLASS-260-429 US-PATENT-3,396,184
	US-PATENT-CLASS-307-265	c07 N71-28809	NASA-CASE-XGS-02290
	US-PATENT-CLASS-307-273 US-PATENT-CLASS-307-288		US-PATENT-APPL-SN-544895 US-PATENT-CLASS-343-771
	US-PATENT-CLASS-328-207		US_DIFFUT_3 417 466
c16 N71-28554	US-PATENT-3,584,311 NASA-CASE-XGS-10518	c09 N71-28810	NASA-CASE-XNP-03916 US-PATENT-APPL-SN-535304
	US-PATENT-APPL-SN-764470		US-PATENT-CLASS-331-113
	US-PATENT-CLASS-335-216 US-PATENT-3,541,486	C28 W71-28988	US-PATENT-3,325,749NASA-CASE-XMS-04826
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	DC_DAMPHM_2 573 ADC	c28 N71-28850	US-PATENT-3,318,096 NASA-CASE-XNP-01954
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	US-PATENT-CLASS-117-224		US-PATENT-CLASS-313-230 US-PATENT-3,328,624
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	US-PATENT-CLASS-75-20F		US-PATENT-CLASS-350-1 US-PATENT-CLASS-350-312
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	US-PATENT-CLASS-210-445	c05 N72-15098	US-PATENT-3,603,686 NASA-CASE-MSC-13917-1
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	US-PATENT-CLASS-15-143 US-PATENT-CLASS-15-210	c31 N72-15781	NASA-CASE-MFS-21527
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	US-PATENT-CLASS-248-18	1	US-PATANT-CLASS-136-6 US-PATENT-CLASS-136-133
	US-PATENT-CLASS-248-20 US-PATENT-3,592,422	Ì	US-PATENT-CLASS-136-135
c15 N72-11392	NASA-CASE-MF5-20299	c05 N72-16015	US-PATENT-3,607,401 NASA-CASE-KSC-10278
	US-PATENT-APPL-SN-889437 US-PATENT-CLASS-156-66		US-PATENT-APPL-SN-856327
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	US-PATENT-CLASS-219-221 US-PATENT-CLASS-219-243	ľ	US-PATENT-CLASS-340-279
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	US-PATENT-3,593,001 NASA-CASE-GSC-11133-1 US-PATENT-APPL-SN-121328		US-PATENT-APPL-SN-56791
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	US-PATENT-APPL-SN-855004 US-PATENT-CLASS-250-49.5B		US-PATENT-CLASS-328-155 US-PATENT-3,614,475
	US-PATENT-CLASS-250-49.5TE	c14 N72-16282	NASA-CASE-LAR-10913
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	US-PATENT-CLASS-139-425R US-PATENT-CLASS-239-265.19	c15 N72-16329	US-PATENT-3,608,409 NASA-CASE-XLA-07829
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	US-PATENT-APPL-SN-760114	1	US-PATENT-CLASS-264-225
	US-PATENT-CLASS-60+39-48 US-PATENT-CLASS-60-202	ł	OS-PATENT-CLASS-264-227 US-PATENT-3,608,046
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c00 x70-40474	DC. Blanca. 3 FOO 334		US-PATENT-CLASS-23-230R US-PATENT-CLASS-23-232C
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g06 N72-17095	NASA-CASE-NPO-10774	c14 N72-17326 NASA-CASE-XNS-01994-1
COO M12-11093	US-PATENT-APPL-SN-848805	US-PATENT-APPL-SN-814212
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	US-PATENT-CLASS-73-76	US-PATENT-CLASS-73-198
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c09 N72-17152	US-PATENT-APPL-SN-47443	US-PATENT-CLASS-250-207
	US-PATENT-CLASS-250-211J	US-PATENT-3,609,353
	nc = parrer = 3.663.798	c14 N72-17329 NASA-CASE-FRC-10012
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CO2 214 11 122	US-PATENT-APPL-SN-887698	US-PATENT-CLASS-73-194A
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	US-PATENT-CLASS-325-492	US-PATENT-CLASS-188-129
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80 WED 45455		US-PATENT-CLASS-308-5
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•	US-PATENT-CLASS-330-109	US-PATENT-CLASS-340-174CT
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	US-PATENT-APPL-SN-7868	US-PATENT-3,611,330 G26 N72-17820 NASA-CASE-XER-08476-1
	US-PATENT-CLASS-250-83.3UV	
•	US-PATENT-CLASS-250-209	US-PATENT-APPL-SN-672388 US-PATENT-CLASS-29-578
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	US-PATENT-CLASS-324-52	C33 N72-17948
	US-PATENT-3,609,535	US-PATENT-APPL-SN-873260
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US-PATENT-CLASS-165-	105	US-PATENT-CLASS-332-51W
US-PATENT-3,603,	382	US-PATENT-CLASS-333-73W
COS N72-18184		US-PATENT-CLASS-343-772
US-PATENT-APPL-SN-860 US-PATENT-CLASS-178	- · 1	US-PATENT-CLASS-343-773 US-PATENT-CLASS-343-786
US-PATENT-CLASS-178	-66	US-PATENT-3.633 110
US-PATENT-CLASS-179		
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US-PATENT-APPL-SN-889 US-PATENT-CLASS-95-		S-PATENT-CLASS-235-92DE S-PATENT-CLASS-235-92DM
US-PATENT-CLASS-307-		S-PATENT-CLASS-235-92DH
US-PATENT-CLASS-346	-23	US-PATENT-CLASS-235-92R
US-PATENT-CLASS-346-1 US-PATENT-CLASS-352		US-PATENT-CLASS-235-152 -PATENT-CLASS-340-347DA
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US-PATENT-APPL-SN-889		
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US-PATENT-APPL-SN-17 US-PATENT-CLASS-23-		S-PATENT-APPL-SN-860492 -PATENT-CLASS-200-81.9M
US-PATENT-CLASS-23-		US-PATENT-CLASS-335-205
US-PATENT-CLASS-60-	260	US-PATENT-3,632,923
US-PATENT-3,603, 031 N72-18859 NASA-CASE-MSC-13	093 c09 N72-20200	NASA-CASE-NPO-10694 US-PATENT-APPL-SN-24224
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US-PATENT-3,606, c03 N72-20031 NASA-CASE-GSC-1066	212 3-1 c09 N72-20205	US-PATENT-3,631,382
US-PATENT-APPL-SN-90	595 C09 N/2-20205	US-PATENT-APPL-SN-17102
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CO3 N72-20032 NASA-CASE-NPO-11	021	US-PATENT-CLASS-307-273
US-PATENT-APPL-SN-880	1	US-PATENT-CLASS-307-288
US-PATENT-CLASS-136 US-PATENT-CLASS-136		US-PATENT-CLASS-307-313 US-PATENT-CLASS-328-207
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US-PATENT-3,625,	66	US-PATENT-3,633,048
CO3 N72-20033 NASA-CASE-NPO-10 US-PATENT-APPL-SN-15		NASA-CASE-XLA-11189 S-PATENT-APPL-SN-889375
US-PATENT-CLASS-210-		US-PATENT-CLASS-324-115
US-PATENT-CLASS-356-		US-PATENT-CLASS-324-132
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005 N72-20096 NASA-CASE-MSC-1241	-1	US-PATENT-CLASS-328-166
US-PATENT-APPL-5N-701 US-PATENT-CLASS-2-		US-PATENT-3,626,308
US-PATENT-CLASS-128-14		US-PATENT-APPL-SN-3696
US-PATENT-CLASS-128-		US-PATENT-CLASS-324-83A
US-PATENT-3,635, c05 N72-20097 NASA-CASE-MFS-20		US-PATENT-CLASS-324-85 US-PATENT-CLASS-328-133
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US-PATENT-APPL-SN-785	15	US-PATENT-CLASS-315-25
US-PATENT-CLASS-2- US-PATENT-3,624,	30 a11 x22-20211	US-PATENT-3,638,066
C06 N72-20121	65	S-PATENT-APPL-SN-880831
OS-PATENT-APPL-SN-770	25	US-PATENT-CLASS-123-102
US-PATENT-CLASS-260-5 US-PATENT-3,637,	ш 2	S-PATENT-CLASS-180-105E US-PATENT-CLASS-318-308
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US-PATENT-CLASS-178-69 US-PATENT-CLASS-179-1		US-PATENT-3,630,304
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CO7 N72-20141 NASA-CASE-ERC-10		JS-PATENT-CLASS-250-208
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US-PATENT-CLASS-329-	61	JS-PATENT-CLASS-356-152 US-PATENT-3,637,312
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	US-PATENT-CLASS-95-18	*	US-PATENT-CLASS-343-100ST
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14 N72-20381		c07 N72-21119	NASA-CASE-ERC-10112
	US-PATENT-APPL-SH-789044		US-PATENT-APPL-SN-796690 US-PATENT-CLASS-179-100.2K
,	US-PATENT-CLASS-250-83.6R		US-PATENT-3,614,343
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CIA N12-20394	US-PATENT-APPL-SN-212010	COO N72-21137	US-PATENT-APPL-SN-25487
c14 N72-20397	NASA-CASE-MFS-21372		US-PATENT-CLASS-235-155
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c15 N72-20442			US-PATENT-3,638,002
	US-PATENT-APPL-SN-27340	c08 N72-21198	NASA-CASE-ERC-10307
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	US-PATENT-CLASS-251-333		US-PATENT-CLASS-307-299
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	US-PATENT-APPL-SN-857967		US-PATENT-CLASS-340-173.2 US-PATENT-CLASS-340-173LS
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	US-PATENT-3,637,051	C00 M72-21133	US-PATENT-APPL-SN-850587
c15 N72-20444	NASA-CASE-FRC-10038		US-PATENT-CLASS-340-174CS
	US-PATENT-APPL-SN-889554		US-PATENT-CLASS-340-174LC
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	US-PATENT-CLASS-29-624	c08 N72-21200	NASA-CASE-NPO-11018
	US-PATENT-CLASS-51-216		US-PATENT-APPL-SN-873259
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and the second second	US-PATENT-CLASS-51-323 US-PATENT-3,636,623	c09 N72-21243	US-PATENT-3,613,111 NASA-CASE-LEW-11005-1
c15 N72-20445	NASA-CASE-NPG-10704	CO3 N72-21243	US-PATENT-APPL-SN-86548
C15 H12-20445	US-PATENT-APPL-SN-59895		OS-PATENT-CLASS-323-DIG.1
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	US-PATENT-CLASS-100-299	-00 270 04005	US-PATENT-3,638,224
	US-PATENT-CLASS-264-22 US-PATENT-CLASS-425-77	c09 N72-21245	US-PATENT-APPL-SN-15024
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	US-PATENT-CLASS-176-86G	ļ	US-PATENT-CLASS-330-85
20 455 5455	US-PATENT-3,629,068	1	US-PATENT-CLASS-333-80
c28 N72-20758	NASA-CASE-XNP-03282 US-PATENT-APPL-SN-745337	-09 N73-31346	US-PATENT-3,621,407 NASA-CASE-NPO-11134
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	US-PATENT-APPL-SN-136253	[	US-PATENT-CLASS-346-1
c28 N72-20770		Ť	US-PATENT-CLASS-346-29
	US-PATENT-APPL-SN-219806		US-PATENT-3,624,659
c30 N72-20805	NASA-CASE-MSC-13802-1	C09 N72-21247	NA SA-CASE-KSC-10393
44	US-PATENT-APPL-SN-189438		US-PATENT-APPL-SN-71047
C31 N/2-20840	NASA-CASE-MFS-20922 US-PATENT-APPL-SN-220274		US-PATENT-CLASS-307-257 US-PATENT-CLASS-307-259
c33 N72-20915		1	US-PATENT-CLASS-331-14
033 B/4-50313	US-PATENT-APPL-SN-10161	1	US-PATENT-CLASS-331-23
	US-PATENT-CLASS-122-32	1	DS-PATENT-CLASS-331-30
	US-PATENT-CLASS-165-133	1.	US-PATENT-CLASS-331-111
*	US-PATENT-CLASS-165-155	1	US-PATENT-3,614,648
	US-PATENT-CLASS-165-158	c09 N72-21248	NASA-CASE-LAR-10503-1
	US-PATENT-CLASS-165-161	-00 270 04074	US-PATENT-APPL-SN-229143 NASA-CASE-XER-11046-2
	US-PATENT-CLASS-165-174	CU9 N/2-21251	
c06 N72-21094	US-PATENT-3,630,276 NASA-CASE-ERC-10108	C12 972-21240	US-PATENT-APPL-SN-87597 NASA-CASE-MPS-20029
COO N/2-21034	US-PATENT-APPL-SN-833049	612 H72-21510	US-PATENT-APPL-SN-61894
	US-PATENT-CLASS-96-36.2	1	US-PATENT-CLASS-169-28
	US-PATENT-CLASS-156-3		US-PATENT-CLASS-169-36
	ns_pameum_3 615 465	1	US-PATENT-3.613.791
c06 N72-21100	NASA-CASE-NPO-12061-1	c14 N72-21405	NASA-CASE-NPO-10832
	US-PATENT-APPL-SN-45549		US-PATENT-APPL-SN-22265
c06 N72-21105	NASA-CASE-GSC-11304-1		US-PATENT-CLASS-73-141A
	OS-PATENT-APPL-SN-137912		US-PATENT-3,623,360
c07 N72-21117		c14 N72-21407	
	US-PATENT-APPL-SN-23532 US-PATENT-CLASS-343-706	}	US-PATENT-APPL-SN-873793 US-PATENT-CLASS-73-147
	US-PATENT-CLASS-343-706 US-PATENT-CLASS-343-912	•	US-PATENT-CLASS-73-147 US-PATENT-3,623,361
	US-PATENT-3.623.107	C14 N72-21408	NASA-CASE-MSC-13332-1
c07 N72-21118	NASA-CASE-NPO-11001	)	US-PATENT-APPL-SN-77169
	US-PATENT-APPL-SN-856279		US-PATENT-CLASS-250-43.5R
	US-PATENT-CLASS-343-5CM	j	US-PATENT-CLASS-250-83.3H

-40 275 54000	US-PATENT-3,614,431 NASA-CASE-USC-12105-1	on6 x172=22114	US-PATENT-3,639,510 NASA-CASE-NPO-11609-1
C14 N12-21403	US-PATENT-APPL-SN-763743	C00 11/2-22/114	DS-PATENT-APPL-SN-228220
	US-PATENT-CLASS-356-17	c07 N72-22127	US-PATENT-APPL-SN-228229 NASA-CASE-NPO-10303
	US-PATENT-CLASS-356-18 US-PATENT-3,614,228	ļ	US-PATENT-APPL-SN-848776
C14 N70-21921	NASA-CASE-ARC-10448-1		US-PATENT-CLASS-343-771 US-PATENT-CLASS-343-797
	HS-PATENT-APPL-SN-221670	·	US-PATENT-CLASS-343-853
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c14 N72~21433	NASA-CASE-ARC-10344-1	c08 N72-22162	US-PATENT-3,623,114 NASA-CASE-NPO-11333
	US-PATENT-APPL-SN-180962	11	US-PATENT-APPL-SN-78065
c15 N72-21462	NASA-CASE-NPO-10679 US-PATENT-APPL-SN-848282	<b>\</b>	US-PATENT-CLASS-178-52
	US-PATENT-CLASS-74-89.15		US-PATENT-CLASS-179-15A US-PATENT-CLASS-179-15BL
	US-PATENT-3,614,898		US-PATENT-CLASS-307-243
c15 N72-21463	US-PAIENT-3,614,898 NASA-CASE-MFS-20413 US-PATENT-APPL-SN-69209		US-PATENT-CLASS-307-251 US-PATENT-CLASS-328-104
	US-PATENT-CLASS-74-469		OS-PATENT-CLASS-328-104 OS-PATENT-CLASS-328-154
	US-PATENT-3,620,095		US-PATENT-3,614,327
c15 N72-21464	NASA-CASE-ARC-10176-1 US-PATENT-APPL-SN-889583	C08 N72-22163	NASA-CASE-MSC-13110-1 US-PATENT-APPL-SN-23132
	US-PATENT-CLASS-324-57R		US-PATENT-CLASS-340-347AD
	US-PATENT-CLASS-324-64	-007070461-	US-PATENT-3,614,772 NASA-CASE-NPO-10745
	US-PATENT-CLASS-324-71R US-PATENT-3,624,496	CUB N/2-22164	US-PATENT-APPL-SN-878730
c15 N72-21465			US-PATENT-CLASS-178-DIG.28
	US-PATENT-APPL-SN-15022		US-PATENT-CLASS-178-DIG.36 US-PATENT-CLASS-178-6.8
	US-PATENT-CLASS-23-253R US-PATENT-CLASS-23-259		US-PATENT-CLASS-178-7.2R
	US-PATENT-CLASS-73-425.6		US-PATENT-3.621.130
	US-PATENT-CLASS-141-23 US-PATENT-CLASS-195-127	c08 N72-22165	NASA-CASE-NPO-11104 US-PATENT-APPL-SN-860750
	US-PATENT-CLASS-193-127		US-PATENT-CLASS-235-150.52
	US-PATENT-CLASS-222-135	ŧ	US-PATENT-CLASS-235-150.53
	US-PATENT-CLASS-222-309 US-PATENT-3,615,241	ļ	US-PATENT-CLASS-235-183 US-PATENT-CLASS-235-194
c15 N72-21466		l	US-PATENT-CLASS-235-197
	US-PATENT-APPL-SN-756834 US-PATENT-CLASS-204-59		US-PATENT-CLASS-340-347R US-PATENT-3,621,228
	US-PATENT-CLASS-204-130	COB N72-22166	NASA-CASE-NPO-10560
C45 NO. 14006	US-PATENT-3,616,338 NASA-CASE-XLA-11028	]	US-PATENT-APPL-SN-856282
	US-PATENT-APPL-SN-219435		US-PATENT-CLASS-235-153 US-PATENT-CLASS-324-73AT
c15 N72-21489	NASA-CASE-XLA-10470	· ·	US-PATENT-CLASS-340-347AD
c21 N72-21624	US-PATENT-APPL-SN-219436 NASA-CASE-HQN-10439	c08 N72-22167	US-PATENT-3,603,772 NASA-CASE-NPO-11082
•	US-PATENT-APPL-SN-889551		US-PATENT-APPL-SN-868529
	US-PATENT-CLASS-244-15A	1	US-PATENT-CLASS-235-152 US-PATENT-CLASS-340-146.1
c21 N72-21631	US-PATENT-3,637,170 NASA-CASE-ERC-10419		US-PATENT-CLASS-340-348
ลวา พระ <u>โว</u> ระยย	US-PATENT-APPL-SN-219722 NASA-CASE-XLE-05799	-A0 #30 0040E	US-PATENT-3,609,327 NASA-CASE-MFS-14710
C22 N12-21044	US-PATENT-APPL-SN-10162	CV9 N/2-22195	US-PATENT-APPL-SN-852843
	US-PATENT-CLASS-176-86L		US-PATENT-CLASS-74-105
c23 N72-21663	US-PATENT-3,624,241NASA-CASE-HQN-10542-1	c09 N72-22196	US-PATENT-3,614,899 NASA-CASE-ERC-10075-2
	US-PATENT-APPL-SN-163151 NASA-CASE-XNP-04167-3	1	US-PATENT-APPL-SE-775870
c25 N72-21693	US-PATENT-APPL-SN-170544		US-PATENT-CLASS-321-2 US-PATENT-CLASS-321-14
c26 N72-21701	NASA-CASE-ERC-10119		US-PATENT-CLASS-321-19
	US-PATENT-APPL-SN-825258		US-PATENT-CLASS-321-25
	US-PATENT-CLASS-307-299 US-PATENT-CLASS-317-234V		US-PATENT-CLASS-323-56 US-PATENT-CLASS-323-89C
	US-PATENT-CLASS-317-235R		DS-PATENT-3,614,587
	US-PATENT-CLASS-331-107 US-PATENT-CLASS-332-31	c09 N72-22197	NASA-CASE-LEW-10433-1 US-PATENT-APPL-SN-849106
	US-PATENT-3,614.557		US-PATENT-CLASS-307-88MP
c03 N72-22041	NASA-CASE-NPO-10591	1	US-PATENT-CLASS-307-262
	US-PATENT-APPL-SN-776185 DS-PATENT-CLASS-29-572	C09 N72-22198	US-PATENT-3,612,895 NASA-CASE-MPS-13687-2
	tte Dannam 3 646 E30		US-PATENT-APPL-SN-80369
CO3 N72~22042	US-PAILNT-3,616,526 NASA-CASE-NPO-10747 US-PAIENT-APPI-SN-6616		US-PATENT-CLASS-174-36 US-PATENT-CLASS-174-106R
	US-PATENT-CLASS-136-89		US-PATENT-CLASS-174-100R
ons 177-22002	US-PATENT-3,615,853	-00 450 00400	US-PATENT-3,612,743
COD N12-22092	US-PATENT-APPL-SN-21644	COS N72-22199	WASA-CASE-ERC-10222 US-PATENT-APPL-SN-832603
	US-PATENT-CLASS-2-2.1A	1	US-PATENT-CLASS-29-590
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	US-PATENT-CLASS-4-99		. US-PATENT-CLASS-73-88.5
	US-PATENT-CLASS-4-110 US-PATENT-CLASS-128-295		US-PATENT-CLASS-307-237 US-PATENT-CLASS-307-254
COE NTO 00407	US-PATENT-3,602,923	1	US-PATENT-CLASS-307-317
CUO N/2-2210/	US-PATENT-APPL-SN-810815	1	US-PATENT-CLASS-328-1 US-PATENT-CLASS-328-151
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c09 N72-22201	US-PATENT-APPL-SN-76899		US-PATENT-CLASS-350-49 US-PATENT-CLASS-350-52
*	US-PATENT-CLASS-307-223B		US-PATENT-3,612,645
	US-PATENT-CLASS-307-241	c14 N72-22442	
	US-PATENT-CLASS-307-252J		US-PATENT-APPL-SN-612265
	US-PATENT-CLASS-307-252K		US-PATENT-CLASS-73-304
	US-PATENT-CLASS-307-284	j	US-PATENT-CLASS-324-61 US-PATENT-3,639,835
	US-PATENT-CLASS-307-304 US-PATENT-CLASS-307-317	C18 N72-22663	US-PATENT-3,639,639 NASA-CASE-XGS-03736
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	US-PATENT-3,621,287		US-PATENT-CLASS-96-90PC
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*	US-PATENT-CLASS-307-247		US-PATENT-CLASS-350-16
	US-PATENT-CLASS-307-288		US-PATENT-CLASS-350-52
	US-PATENT-CLASS-325-29	l	US-PATENT-CLASS-356-248
	US-PATENT-CLASS-325-492	l <u>.</u>	OS-PATENT-3,647,276
	US-PATENT-CLASS-340-171	c14 N72-22445	
	US-PATENT-CLASS-340-203	ł	US-PATENT-APPL-SN-16808 US-PATENT-CLASS-33-174S
c09 N72-122203	US-PATENT-3,621,290 NASA-CASE-XBR-11046		US-PATENT-CLASS-35-1745
	US-PATENT-APPL-SN-810579		US-PATENT-3,620,595
. 1	US-PATENT-CLASS-321-2	c15 N72-22482	
	US-PATENT-CLASS-321-15		US-PATENT-APPL-SN-880249
	US-PATENT-CLASS-321-18		US-PATENT-CLASS-73-133
	, OS-PATENT-CLASS-321-45	45 475 55455	US-PATENT-3,613,457
A second second	US-PATENT-CLASS-331-117	C15 N/2-22483	NASA-CASE-XNP-09770-2
c09 N72-22204	US-PATENT-3,621,362 NASA-CASE-LAR-10137-1	1	US-PATENT-APPL-SN-864039 US-PATENT-CLASS-209-349
003 1171 22204	US-PATENT-APPL-SN-881041		US-PATENT-3,615,021
	US-PATENT-CLASS-200-81R	c15 N72-22484	
	US-PATENT-CLASS-200-82C		US-PATENT-APPL-SN-867851
	US-PATENT-3,609,271		US-PATENT-CLASS-62-55.5
c10 N72-22235	NASA-CASE-GSC-10064-1		US-PATENT-3,625,018
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	US-PATENT-CLASS-343-7.4 US-PATENT-CLASS-343-16M		US-PATENT-APPL-SN-73932
the second second	US-PATENT-CLASS-343-779		US-PATENT-CLASS-74-501R US-PATENT-3,625,084
•	US-PATENT-CLASS-343-786	c15 N72-22486	
	US-PATENT-3,623,094		US-PATENT-APPL-SN-98773
c10 N72-22236	NASA-CASE-GSC-10878-1	1	US-PATENT-CLASS-220-5R
	US-PATENT-APPL-SN-889423	[	US-PATENT-CLASS-31/-101DH
	US-PATENT-CLASS-307-206	l	US-PATENT-CLASS-317-117
	US-PATENT-CLASS-307-215 US-PATENT-CLASS-307-322	ļ	US-PATENT-CLASS-317-120
	US-PATENT-CLASS-307-323	c15 N72-22487	US-PATENT-3,639,809 NASA-CASE-GSC-10303
÷.	OS-PATENT-3,621,277	1 013 1172 22407	US-PATENT-APPL-SN-802813
c11 N72-22245	NASA-CASE-NPO-12109		US-PATENT-CLASS-29-473.1
	US-PATENT-APPL-SN-690172	İ	US-PATENT-3,619,896
	US-PATENT-CLASS-230-54	c15 N72-22488	
	US-PATENT-CLASS-230-221 US-PATENT-3,612,391		US-PATENT-APPL-SN-6617 US-PATENT-CLASS-85-1
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	US-PATENT-APPL-SN-867841	c15 N72-22489	
	US-PATENT-CLASS-73-147		US-PATENT-APPL-SN-789045
	US-PATENT-3,620,076	[	US-PATENT-CLASS-55-446
c1,1 N72-22247	NASA-CASE-NPO-11013	<b>j</b>	US-PATENT-CLASS-55-464
	US-PATENT-APPL-SN-858695 US-PATENT-CLASS-42-1F		US-PATENT-CLASS-417-152
	US-PATENT-3.619.924	c15 N72-22490	US-PATENT-3,623,828 NASA-CASE-LEW-10856-1
c14 N72-22437	NASA-CASE-LAR-10496-1	1 -112	US-PATENT-APPL-SN-3417
	US-PATENT-APPL-SN-12661	İ	US-PATENT-CLASS-308-195
	US-PATENT-CLASS-73-141A	45	US-PATENT-3,620,585
c14 N72-22438	US-PATENT-3,611,798 NASA-CASE-ARC-10263-1	c15 N72-22491	NASA-CASE-GSC-10913
CI4 N72722438	US-PATENT-APPL-SN-882122		US-PATENT-APPL-SN-889\$58 US-PATENT-CLASS-29-628
	US-PATENT-CLASS-73-398C	1	US-PATENT-CLASS-23-626
	US-PATENT-3,620,083		US-PATENT-CLASS-219-158
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	US-PATENT-APPL-SN-103229		US-PATENT-CLASS-228-57
	US-PATENT-CLASS-29-421 US-PATENT-CLASS-264-22	-45 875 5080	US-PATENT-3,621,194
	US-PATENT-CLASS-204-22 US-PATENT-CLASS-310-11	C15 N72-22492	NASA-CASE-MFS-20482 US-PATENT-APPL-SN-6610
	US-PATENT-CLASS-310-42	İ	US-PATENT-CLASS-29-472.9
	US-PATENT-3,626,218		US-PATENT-CLASS-29-473.1
c14 N72-22440	NASA-CASE-ARC-10154-1	į	US-DATEME-2 600 070
	US-PATENT-APPL-SN-793771	c16 N72-22520	NASA-CASE-LAR-10815-1
	US-PATENT-CLASS-73-67.2	_43	US-PATENT-APPL-SN-233587
with high collect	US-PATENT-3,620,069 NASA-CASE-NPO-11002	C17 N72-22530	NASA-CASE-XLE-06461
C14 N7Z-2Z441	US-PATENT-APPL-SN-856328		US-PATENT-APPL-SN-853855 US-PATENT-CLASS-755B
	US-PATENT-CLASS-350-19		0.50 CC. C _muq.0.4.0_2H
to the second second	US-PATENT-CLASS-350-23	c17 N72-22535	NASA-CASE-LEW-10874-1
	US-PATENT-CLASS-350-26	1	US-PATENT-APPL-SN-68024
	US-PATENT-CLASS-350-35		US-PATENT-CLASS-75-170
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	US-PATENT-3,620,718	c18 N72-23581	MASA-CASE-GSC-10361-1
c18 N72-22566	NASA-CASE-MFS-20011	010 212 20001	US-PATENT-APPL-SN-700040
	US-PATENT-APPL-SN-813338		US-PATENT-CLASS-106-84
	US-PATENT-CLASS-106-84 US-PATENT-CLASS-106-286	c23 N72-23695	US-PATENT-3,620,784 NASA-CASE-HQN-10541-3
	US-PATENT-CLASS-106-288B	CZ3 B12 23033	US-PATENT-APPL-SN-822089
	US-PATENT-3,620,791		US-PATENT-CLASS-350-171
c18 N72-22567	NASA-CASB-NPO-11091 US-PATENT-APPL-SN-860781	628 MZ2-22000	US-PATENT-3,606,522 NASA-CASE-XNP-09461
	US-PATENT-CLASS-260-2, 1E	C20 M12-23005	US-PATENT-APPL-SN-670829
	US-PATENT-3,629,161		US-PATENT-CLASS-239-418
c21 N72-22619			US-PATENT-CLASS-239-433
	US-PATENT-APPL-SN-835058 US-PATENT-CLASS-244-114		US-PATENT-CLASS-239-543 US-PATENT-3,650,474
	US-PATENT-CLASS-340-26	c28 872-23810	NASA-CASE-NPO-11458
	US-PATENT-3,624,598	İ	US-PATENT-APPL-SN-36926
C23 N/2-226/3	NASA-CASB-XER-07896-2 US-PATENT-APPL-SN-36819		US-PATENT-CLASS-60-266 US-PATENT-CLASS-60-271
	US-PATENT-CLASS-350-310		mc_nampum_2 ch0 hc4
	US-PATENT-3,620,606	c03 N72-24037	NASA-CASE-GSC-11514-1
C28 N72-22769		<b>!</b>	US-PATRNT-APPL-SN-820453
	US-PATENT-CLASS-244-3.22	1	US-PATENT-CLASS-117-201 US-PATENT-CLASS-136-89
	US-PATENT-3,612,442	}	070 C23 C_mwqmsq_n
C28 N72-22770		c14 N72-24477	NASA-CASE-ARC-10138-1
	US-PATENT-CLASS-60-202		US-PATENT-APPL-SN-774733 US-PATENT-CLASS-73-355R
	US~PATENT+3_613_370		US-PATENT-CLASS-250-83.38
c28 ¥72-22771	NASA-CASE-LEW-10835-1		US-PATENT-CLASS-317-247
	OS-PATENT-APPL-SN-67815 OS-PATENT-CLASS-60-202		US-PATENT-CLASS-324-618
	US-PATENT-3,620,018	c15 N72-24522	US-PATENT-3,657,644
c28 #72-22772	NASA-CASE-NPO-12072		US-PATENT-APPL-SN-41346
	US-PATENT-APPL-SN-82647 US-PATENT-CLASS-123-122AB		US-PATENT-CLASS-264-92
	US-PATENT-CLASS-127-122AB	c25 N72-24753	US-PATENT-3,658,974 
	US-PATERT-CLASS-261-145		US-PATENT-APPL-SN-866442
c31 N72-22874	US-PATENT-3,640,256 NASA-CASE-NPO-10883		US-PATRNT-CLASS-313-186
C31 N12 22074	US-PATENT-APPL-SN-26573		US-PATENT-CLASS-313-212 US-PATENT-CLASS-313-224
	US-PATENT-CLASS-136-89		US-PATENT-CLASS-313-231
	US-PATENT-CLASS-312-257		US-PATENT-CLASS-315-111
c03 N72-23048	US-PATENT-3,620,846 WASA-CASE-NPO-11388		US-PATENT-CLASS-315-326 US-PATENT-CLASS-315-358
	US-PATENT-APPL-SN-119282		US-PATENT-CLASS-331-94.5
	US-PATENT-CLASS-310-2	-02 872 75040	US-PATEET-3,617,804
	US-PATENT-CLASS-321-2 US-PATENT-CLASS-322-2	CU3 N/2-25019	US-PATENT-APPL-SH-6615
	PS_DATEMU_3 688 150		US-PATENT-CLASS-156-250
c05 ¥72-23085	NSA-CASE-LAR-10102-1		US-PATENT-CLASS-156-510
	US-PATENT-APPL-SH-13266 US-PATENT-CLASS-224-25A	G03 W72-25020	US-PATRHT-3,654,036 
<u></u>	US-PATENT-3.649.921		US-PATENT-APPL-SM-139528
CO9 N72-23171	BASA-CASE-GSC-10221-1	`	US-PATENT-CLASS-235-92T
	US-PATENT-APPL-SN-779025 US-PATENT-CLASS-307-252N		US-PATENT-CLASS-307-141.8 US-PATENT-CLASS-320-48
	US-PATENT-CLASS-307-252R		US-PATENT-CLASS-324-29.5
	US-PATENT-CLASS-307-259 US-PATENT-CLASS-307-305	-42 **70 05004	US-PATENT-3,663,938
	US-PATRNT-3.621.294	, CU3 B/2-25021	NASA-CASE-NPO-11118 US-PATENT-APPL-SH-8650
C09 N72-23172	NASA-CASE-LAR-10320-1		US-PATENT-CLASS-214-90R
	OS-PATENT-APPL-SN-18427 OS-PATENT-CLASS-324-20R	-AE 1172 25440	US-PATENT-3,666,120
	US-PATENT-3.649.907	CO3 8/2-23119	NASA-CASE-MSC-12397-1 US-PATRHT-APPL-SN-785613
c09 #72-23173	NASA-CASE-ERC-10267		US-PATENT-CLASS-2-2.1
	US-PATENT-APPL-SN-41348	Ì	US-PATENT-CLASS-2-115
	US-PATENT-CLASS-235-197 US-PATENT-CLASS-307-229	c05 ¥72-25120	US-PATENT-3,660,851
	US-PATENT-CLASS-328-145	COS B72 23120	US-PATENT-APPL-SE-844225
011 H77-23215	US-PATENT-3,648,043		US-PATENT-CLASS-106-209
CII 8/2-232/3	US-PATENT-APPL-SH-114848		US-PATENT-CLASS-128-2.1 US-PATENT-CLASS-128-417
	US-PATENT-CLASS-13-20		US-PATENT-CLASS-120-411
	US-PATENT-CLASS-13-31		US-PATENT-CLASS-264-104
c14 N72-23457	US-PATENT-3,647,924 	C05 #72_25121	US-PATENT-3,665,064 NASA-CASE-FRC-10029-2
	US-PATENT-APPL-SN-792623	VVJ 872-23121	US-PATENT-APPL-SN-78704
	US-PATENT-CLASS-55-493		US-PATENT-CLASS-29-25.14
	US-PATENT-CLASS-55-498 US-PATENT-CLASS-55-502		US-PATENT-CLASS-29-25-18
	US-PATENT-CLASS-55-521		US-PATENT-CLASS-29-482 US-PATENT-CLASS-29-630A
c15 N73_32807	US-PATENT-3,650,095		US-PATENT-CLASS-156-264
CIJ 816-23471	US-PATENT-APPL-SN-73834		US-PATENT-CLASS-156-308
	US-PATENT-CLASS-219-85	c05 N72-25122	US-PATENT-3,662,441 
	US-PATENT-CLASS-219-109		OS-PATENT-APPL-SN-94347
	US-PATENT-CLASS-219-234 US-PATENT-CLASS-324-65R		US-PATENT-CLASS-128-28
	US-PATENT-3,621,193	c05 N72-25142	US-PATENT-3,662,744 
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	OS-PATENT-APPL-SH-87550		US-PATENT-3,648,256 NASA-CASE-NPO-11338
	US-PATENT-CLASS-73-23.1 US-PATENT-CLASS-250-43.5R	C08 N72-25208	
	DIEDUM 3 666 000	1	
CO6 1172-25147	US-PATERT-3,660,942 BASA-CASE-ARC-10325		US-PATENT-CLASS-179-15BC
	ns-patent-appl-sn-63610		US-PATENT-CLASS-179-15PD US-PATENT-CLASS-325-62
	US-PATENT-CLASS-260-2-5FP US-PATENT-3,663,464	•	US-PATENT-CLASS-323-02 US-PATENT-CLASS-332-21
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	- US-PATENT-CLASS-260-348SC		US-PATENT-APPL-5N-63532 US-PATENT-CLASS-343-6.5N
C06 :172-25149	US-PATENT-3,660,434 NASA-CASE-GSC-10565-1		US-PATENT-CLASS-343-12E
P <b>20113</b>	US-PATENT-APPL-SE-822039		US-PATENT-CLASS-343-14
	US-PATENT-CLASS-195-28N		US-PATENT-3,659,292 MASA-CASE-NPO-10636
	US-PATENT-CLASS-195-103.5R US-PATENT-CLASS-260-211.5	CV8 872-25210	US-PATENT-APPL-SN-77221
			OS-PATENT-CLASS-235-152
c06 N72-25150	US-PATENT-3,660,240 NASA-CASE-XLB-06774-2		US-PATENT-CLASS-340-146.1AL
	US-PATENT-APPL-SN-5114 US-PATENT-CLASS-117-132	c09 #72=252#7	US-PATENT-3,662,337 NASA-CASE-LAE-10163-1
	US-PATENT-CLASS-117-152	CV9 H/2 2324/	US-PATENT-APPL-SN-73310
	US-PATENT-CLASS-117-161 US-PATENT-CLASS-260-2.5 US-PATENT-CLASS-260-92.1 US-PATENT-3,666,741		US-PATENT-CLASS-343-708
F 3.1	US-PATENT-CLASS-260-92.1		US-PATENT-CLASS-343-771 US-PATENT-CLASS-343-873
c06 N72-25151	US-PATENT-3,000,741 NASA-CASE-EFS-20979		US-PATENT-3.653.052
000 072 2515.	US-PATENT-APPL-SN-100774	c09 ¥72-25248	NASA-CASE-NPO-11342 US-PATENT-APPL-SN-89209
* 4	US-PATENT-CLASS-260-18S		US-PATENT-APPL-SN-89209 US-PATENT-CLASS-340-172-5
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	US-PATENT-CLASS-260-448.2D	c09 N72-25249	NASA-CASE-GSC-10656-1
AC 972 20402	US-PATENT-3,666,718		US-PATENT-APPL-SN-59969 US-PATENT-CLASS-321-2
CU6 11/2-25152			US-PATENT-CLASS-321-2
	US-PATENT-CLASS-260-92.1		US-PATENT-CLASS-323-17
	US-PATENT-APPL-SN-145026 US-PATENT-CLASS-260-92.1 US-PATENT-3,663,521 HASA-CASE-LEW-10906-1		US-PATENT-CLASS-323-22T
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	US-PATENT-APPL-SN-64723		US-PATENT-CLASS-315-135
	US-PATENT-CLASS-333-7 US-PATENT-CLASS-333-81R		US-PATENT-CLASS-315-349 US-PATENT-CLASS-330-2
	US-PATENT-CLASS-333-98P	,	US-PATENT-CLASS-330-59
·	US-PATEST-CLASS-333-98R	Ĭ	US-PATENT-CLASS-340-332
	US-PATENT-CLASS-333-98S	ann #72-25251	US-PATENT-3,659,148
c07 H72-25171	US-PATENT-3,649,935 WASA-CASE-MFS-21042	CO3 872"23231	US-PATENT-APPL-SN-10329
	US-PATENT-APPL-SN-86417 US-PATENT-CLASS-102-34.4	<u>'</u>	US-PATENT-CLASS-307-261
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•	US-PATENT-CLASS-325-114		
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AT NTO 05470	US-PATENT-3,667,044		US-PATENT-APPL-SN-39342 US-PATENT-CLASS-321-2
CU/ N/2-251/2	NASA-CASE-BPO-11358 US-PATENT-APPL-SB-116786		US-PATENT-CLASS-321-11
•	US-PATENT-CLASS-179-158V		US-PATENT-CLASS-321-18
	US-PATENT-CLASS-340-172.5	ļ	US-PATENT-CLASS-321-19 US-PATENT-CLASS-321-45BR
c07 N72-25173	US-PATENT-3,665,417 NASA-CASE-ERC-10324		US-PATENT-CLASS-321-45B
1	US-PATENT-APPL-SN-54270		US-PATENT-3,663,940
•	US-PATENT-CLASS-1/8-69.5	c09 #72-25253	NASA-CASE-GSC-11126-1
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	US-PATRET-CLASS-325-55		US-PATENT-CLASS-321-47
•	US-PATENT-CLASS-325-58		US-PATENT-CLASS-331-113A
•	US-PATENT-CLASS-325-64 US-PATENT-CLASS-325-141	c09 N72-25254	US-PATENT-3,663,941 NASA-CASE-NPO-10760
	US-PATENT-CLASS-325-302	005 172 23234	US-PATENT-APPL-SN-129071
	US-PATENT-CLASS-325-325		US-PATENT-CLASS-321-2
	US-PATENT-CLASS-340-167 US-PATENT-3,665,313		US-PATENT-CLASS-321-45R US-PATENT-CLASS-331-113A
c07 N72-25174			US-PATENT-3,663,944
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	US-PATENT-CLASS-343-762 US-PATENT-CLASS-343-777		US-PATENT-APPL-SH-125979 US-PATENT-CLASS-310-10
	US-PATENT-CLASS-343-779	,	US-PATENT-CLASS-310-10
	US-PATENT-CLASS-343-786		US-PATENT-3,663,843
	US-PATENT-CLASS-343-853 US-PATENT-3,665,481		WASA-CASE-XLA-02609
COS N72=25206	NASA-CASE-KSC-10397		US-PATENT-APPL-SN-41347 US-PATENT-CLASS-333-79
COB #12-23200	US-PATENT-APPL-SN-25488	1 1	US-PATENT-CLASS-339-143K
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	US-PATENT-CLASS-340-347DA US-PATENT-3,648,275	c09 N72-25257	US-PATENT-3,663,929 NASA-CASE-MSC-12395
c08 N72-25207	NASA-CASE-NPO-11161		US-PATENT-APPL-SN-134573
	US-PATENT-APPL-SH-889374		US-PATENT-CLASS-307-233

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US-PATENT-CLASS-324-78D	C14 N72-25413
US-PATENT-CLASS-324-186 US-PATENT-CLASS-328-136	US-PATENT-APPL-SN-889420 US-PATENT-CLASS-195-127
US-PATENT-CLASS-328-130 US-PATENT-CLASS-328-140	US-PATENT-3,666,631
ns-Parkur-3.661.885	C14 N72-25414
009 N72-25258 NASA-CASE-LAR-10253-1	US-PATENT-APPL-SN-57252 US-PATENT-CLASS-178-7.92
US-PATENT-APPL-SN-99175 US-PATENT-CLASS-307-88.3	US-PATENT-CLASS-350-175FS
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C09 N72-25259	C14 N72-25440
US-PATENT-CLASS-29-198	i us-patent-appl-sn-254173
US-PATENT-CLASS-117-200	c15 N72-25447 NASA-CASE-LEW-10489-1 US-PATENT-APPL-SN-889682
US-PATENT-CLASS-136-89 US-PATENT-3,664,874	DS-PATENT-CLASS-29-599
c09 N72-25260 NASA-CASE-NPO-11283	US-PATENT-CLASS-117-62
US-PATENT-APPL-SN-118270	US-PATENT-CLASS-117-93.16D US-PATENT-CLASS-117-107
US-PATENT-CLASS-310-4 US-PATENT-3,663,839	US-PATENT-CLASS-117-211
c09 N72-25261 NASA-CASE-ZRC-10224	US-PATENT-CLASS-117-217
US-PATENT-APPL-SN-868//S	US-PATENT-3,649,356 C15 N72-25448
US-PATENT-CLASS-29-492 US-PATENT-CLASS-29-497	US-PATENT-APPL-SN-880271
US-PATENT-CLASS-29-498	US-PATENT-CLASS-75-0.5BB
US-PATENT-CLASS-29-502 US-PATENT-CLASS-29-589	US-PATENT-CLASS-75-206 US-PATENT-CLASS-75-213
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US-PATENT-3,665,589	C15 N72-25450
CO9 N72-25262 NASA-CASE-NPO-11078 US-PATENT-APPL-SN-82280	US-PATENT-CLASS-285-DIG-21
US-PATENT-CLASS-307-83	US-PATENT-CLASS-285-3
US-PATENT-CLASS-307-103	US-PATENT-CLASS-285-33 US-PATENT-CLASS-285-316
US-PATENT-CLASS-323-48 US-PATENT-CLASS-323-82	US-PATENT-CLASS-339-45M
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US-PATENT-APPL-SN-874177 US-PATENT-CLASS-195-127	US-PATENT-APPL-SN-8636
US+PATENT-3.649.462	US-PATENT-CLASS-251-360 US-PATENT-3,658,295
C11 N72-25287 NASA-CASE-LAR-10546-1 US-PATENT-APPL-SN-32664	C15 N72-25452 NASA-CASE-LEW-10965-1
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US-PATENT-CLASS-52-655 US-PATENT-CLASS-287-54A	US-PATENT-CLASS-90-30-2 US-PATENT-CLASS-117-16R
HS-PATENT-3.665.670	US-PATENT-CLASS-117-37
C11 N72-25288 NASA-CASE-MFS-20434	US-PATENT-CLASS-117-47R US-PATENT-CLASS-117-62
US-PATENT-APPL-SN-55534 US-PATENT-CLASS-73-140	US-PATENT-CLASS-117-93.3
US-PATENT-CLASS-73-161	US-PATENT-CLASS-117-124C US-PATENT-CLASS-117-152
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US-PATENT-APPL-SN-82648	US-PATENT-CLASS-204-157.18AG
US-PATENT-CLASS-210-188 US-PATEN1-CLASS-310-11	US-PATENT-CLASS-250-65F US-PATENT-3,658,569
US-PATENT-3.648.083	c15 N72-25453
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US-PATENT-APPL-SN-250335 c13 N72-25323	US-PATENT-CLASS-187-20
AP-NATEMI-YAST-2W-QIASD	US-PATENT-CLASS-187-95
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US-PATENT-CLASS-250-83.3UV	US-PATENT-CLASS-52-594
US-PATENT-CLASS-250-209	US-PATENT-3,665,669 c15 N72-25455NASA-CASE-NPO-11095
US-PATENT-CLASS-25G-226 US-PATENT-CLASS-350-203	US-PATENT-APPL-SN-19585
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US-PATENT-CLASS-73-521	C15 N72-25456
US-PATENT-CLASS-350-160R US-PATENT-3,657,928	US-PATENT-CLASS-310-68
C14 N72-25411 NASA-CASE-MSC-15626-1	US-PATENT-CLASS-310-80
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US-PATENT-CLASS-73-12 US-PATENT-CLASS-73-492	C15 N72-25457 NASA-CASE-ERC-10325
US-PATENT-CLASS-116-114AH	US-PATENT-APPL-SN-43884
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US-PATENT-APPL-SN-51477	US-PATENT-3.665.307
US-PATENT-CLASS-178-DIG. 8	c16 N72-25485
US+PATENT-CLASS-178-6.8 US-PATENT-CLASS-340-227R	US-PATENT-CLASS-331-94.5
US-PATENT-3,659,043	US-PATENT-CLASS-332-7.51
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c17 N72-25517	US-PATENT-3,659,225		US-PATENT-3,666,566
c17 N72-25517		c15 N72-26371	NASA-CASE-NPO-10244
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c18 N72-25539			US-PATENT-CLASS-73-136R
	US-PATENT-APPL-SN-15222 US-PATENT-CLASS-75-DIG.1	!	US-PATENT-CLASS-308-2A
	US-PATENT-CLASS-75-DIG.1	c03 N72-27053	US-PATENT-3,664,185 NASA-CASE-GSC-10344-1
•	US-PATENT-CLASS-75-211	C03 N72-27033	US-PATENT-APPL-5N-785078
	US-PATENT-CLASS-75-226		US-PATENT-CLASS-136-89
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	US-PATENT-CLASS-52-80		US-PATENT-CLASS-210-104
	US-PATENT-CLASS-161-7		US-PATENT-CLASS-210-110
	US-PATENT-CLASS-161-68		US-PATENT-CLASS-210-137
.*	US-PATENT-CLASS-161-127 US-PATENT-3,663,347	c05 N72-27103	US-PATENT-3,670,890 NASA-CASE-MSC-13648
c18 N72-25541		C03 M/2-2/103	US-PATENT-APPL-SN-87222
,	US-PATENT-APPL-SN-57253		US-PATENT-CLASS-128-DIG. 4
	US-PATENT-CLASS-52-DIG. 10		US-PATENT-CLASS-128-2.1E
	US-PATENT-CLASS-52-80	i	US-PATENT-CLASS-128-417
	US-PATENT-CLASS-161-7		US-PATENT-3,669,110
	US-PATENT-CLASS-161-68	c06 N72-27144	NASA-CASE-NPO-10768-2
	US-PATENT-CLASS-161-127		US-PATENT-APPL-SN-99524
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CZ + N/2-25595	NASA-CASE-MSC-13397-1 US-PATENT-APPL-SN-59966		US-PATENT-CLASS-260-77.5AP
	US-PATENT-CLASS-244-1SA	1	US-PATENT-CLASS-260-535H US-PATENT-3,671,497
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	US-PATENT-3,662,973	000 472 27131	US-PATENT-APPL-SN-241061
c23 N72-25619		c07 N72-27178	NASA-CASE-MSC-14070-1
	US-PATENT-APPL-SN-112999	ſ	US-PATENT-APPL-SN-266940
	US-PATENT-CLASS-62-6	c09 N72-27226	NASA-CASE-LEW-10330-1
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	US-PATENT-CLASS-62-85	1	US-PATENT-CLASS-336-60
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C23 N72-25628	US-PATENT-3,656,313 NASA-CASE-NPO-11623-1	i	US-PATENT-CLASS-336-220
-13 672 23020	US-PATENT-APPL-SN-235338	c09 N72-27227	US-PATENT-3,648,209 NASA-CASE-KSC-10644
c26 N72-25679		1 00- 11/2 2/22/	US-PATENT-APPL-SN-114849
	US-PATENT-APPL-SN-651627		US-PATENT-CLASS-307-92
	US-PATENT-CLASS-317-234J	t	US-PATENT-CLASS-307-118
	US-PATENT-CLASS-317-235A		US-PATENT-CLASS-340-240
	US-PATENT-CLASS-317-235AJ		US-PATENT-3,673,424
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	US-PATENT-CLASS-331-107G US-PATENT-3,667,010	[	US-PATENT-APPL-SN-767741 US-PATENT-CLASS-310-4
c26 N72-25680			US-PATENT-3,673,440
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c27 N72-25699	NASA-CASE-NPO-12000	i .	US-PATENT-CLASS-313-336 US-PATENT-CLASS-313-351
0-1 N/L E-11-	US-PATENT-APPL-SN-74861	ŀ	US-PATENT-CLASS-315-351
•	US-PATENT-CLASS-149-19		US-PATENT-3,671,798
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	US-PATENT-CLASS-95-12.5	C11 N/2-2/2/1	US-PATENT-APPL-SN-261183
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c31 N72-25853		·	TO DIRROW ARREST OF SECONDA
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c32 N72-25877	NASA-CASE-LAR-10270-1		US-PATENT-APPL-SN-63195
	US-PATENT-APPL-SN-60881	·	US-PATENT-CLASS-324-79R
•	US-PATENT-CLASS-73-15.6	i	US-PATENT-CLASS-328-189
	US-PATENT-CLASS-73-100 US-PATENT-3,665,751		US-PATENT-CLASS-331-44
c33 N72-25911		C14 N70=27609	US-PATENT-3,670,241 NASA-CASE-NPO-11201
200 1.2 20011	US-PATENT-APPL-SN-47063	1 2,3 3,12 2,703	US-PATENT-APPL-SN-77220
	US-PATENT-CLASS-60-200A		US-PATENT-CLASS-250-203R
	US-PATENT-CLASS-60-265	1 .	US-PATENT-CLASS-250-225
	US-PATENT-CLASS-60-267	1	US-PATENT-CLASS-350-147
	US-PATENT-CLASS-62-467		US-PATENT-CLASS-356-141
	US-PATENT-CLASS-102-105	· ·	US-PATENT-CLASS-356-152
C33 N70_05043	US-PATENT-3,656,317 NASA-CASE-MS-09690	C10 N72-27010	US-PATENT-3,670,168 NASA-CASE-XLE-05230
C1 2 11/4-77212	US-PATENT-APPL-SN-853647	C14 8/2-2/419	US-PATENT-APPL-5N-877717
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c03 N72-26031	NASA-CASE-NPO-10753	c14 N72-27411	05-PATENT-3,671,329 NASA-CASE-MSC-12293-1
	US-PATENT-APPL-SN-844355		OS-PATENT-APPL-SN-59956
	US-PATENT-CLASS-136-202	Ī	US-PATENT-CLASS-250-205

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	US-PATENT-CLASS-315-151 US-PATENT-CLASS-315-156	c14 N72-28443	NASA-CASE-LEW-11072-2
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	US-PATENT-CLASS-315-297	c15 N72-28495	US-PATENT-APPL-5N-73283
	US-PATENT-CLASS-315-307 US-PATENT-CLASS-315-310		US-PATENT-CLASS-74-469
	US-PATENT-CLASS-315-311		US-PATENT-CLASS-214-1CH
	US-PATENT-3,670,202	c15 N72-28496	US-PATENT-3,631,737 NASA-CASE-MPS-20433
c14 N72-27412	NASA-CASE-MFS-20523 US-PATENT-APPL-SN-77786	C (3 N/2 20430	US-PATENT-APPL-SN-114847
	US-PATENT-CLASS-73-71-6		US-PATENT-CLASS-52-1 US-PATENT-CLASS-52-573
	US-PATENT-CLASS-73-103 US-PATENT-3,670,563		US-PATENT-3,675,376
c14 N72-27425	NASA-CASE-MFS-21395-1	c15 N72-28503	NASA-CASE-GSC-11445-1
	US-PATENT-APPL-SN-260093	_4E x77_20607	US-PATENT-APPL-SN-248471 NASA-CASE-NPO-11758-1
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2,3 1,72 2, 10 1	US-PATENT-APPL-SN-59968		US-PATENT-APPL-SN-63144 US-PATENT-CLASS-330-4
	OS-PATENT-CLASS-248-188-4 OS-PATENT-3,669,393		US-PATENT-CLASS-331-94
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c15 N72-27436	NASA-CASE-LAR-10362-1	Ļ	US-PATENT-APPL-SN-793657 US-PATENT-CLASS-29-182.5
46 833 33533	US-PATENT-APPL-SN-266772 NASA-CASE-LAR-10416-1	ļ	US-PATENT-3,676,084
	US-PATENT-APPL-SN-251752	c23 N72-28696	NASA-CASE-NPO-11106-2
c23 N72-27728	NASA-CASE-ARC-10160-1		US-PATENT-APPL-SN-235225 NASA-CASE-LEW-10518-2
	US-PATENT-APPL-SN-867842 US-PATENT-CLASS-178-DIG.20	i i	US-PATENT-APPL-SN-266927
	US-PATENT-CLASS-178-6.5	c24 N72-28719	NASA-CASE-HQN-10740-1
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020 1172 27101	US-PATENT-APPL-SN-138227		US-PATENT-CLASS-29-570 US-PATENT-CLASS-317-230
	US-PATENT-CLASS-350-161 US-PATENT-3,671,105		US-PATENT-CLASS-317-261
c28 N72-27820	NASA-CASE-LAR-10642-1		US-PATENT-3,676,754
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c32 N72-27947	NASA-CASE-LAR-10426-1 US-PATENT-APPL-SN-239575		US-PATENT-CLASS-29-25.42
c33 N72-27959	NASA-CASE-LAR-10800-1	<b>\</b>	US-PATENT-CLASS-106-39 US-PATENT-CLASS-106-46
	US-PATENT-APPL-SN-154094 US-PATENT-CLASS-73-35		US-PATENT-CLASS-117-212
	HS-PATENT-3.670.559		US-PATENT-CLASS-117-217
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	US-PATENT-CLASS-165-20 US-PATENT-3,675,712	1	US-PATENT-CLASS-333-98P US-PATENT-CLASS-333-98R
CO9 N72-28225	NASA-CASE-MFS-20757		US-PATENT-3,676,809
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c10 N72-28240	NASA-CASE-ARC-10265-1		US-PATENT-CLASS-313-356
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	US-PATENT-3,533,006	-05 N30 04443	US-PATENT-3,675,935 NASA-CASE-ARC-10519-1
c14 N72-28436	NASA-CASE-XLA-06683 US-PATENT-APPL-5N-10827		nc_nampwq_anni_cu_282738
	US-PATENT-CLASS-33-1SA	c06 N72-31140	NASA-CASE-MSC-13335-1
	US-PATENT-CLASS-33-75R US-PATENT-3,675,332		US-PATENT-APPL-SN-55806 US-PATENT-CLASS-55-16
c14 N72-28437	NASA-CASE-ERC-10081		US-PATENT-CLASS-55-55
	US-PATENT-APPL-SN-877990	-AC 1170 04414	US-PATENT-3,678,654 NASA-CASE-ARC-10308-1
	US-PATENT-CLASS-73-355 US-PATENT-CLASS-325-363	CUO N/2-37341	US-PATENT-APPL-SN-134568
	OS-PATENT-CLASS-343-100ME		US-PATENT-CLASS-250-43.5R
	US-PATENT-CLASS-343-112D		US-PATENT-CLASS-356-51 US-PATENT-3,679,899
c14 N72-28438	US-PATENT-3,665,467 NASA-CASE-XLA-04980-2	c06 N72-31145	NASA-CASE-ARC-10469-1
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		US-PATENT-CLASS-235-92MT	c09 N72-332	
	•	US-PATENT-CLASS-235-150.1		OS-PATENT-APPL-SN-883523
		US-PATENT-CLASS-235-151.1	1	US-PATENT-CLASS-307-262
		US-PATENT-CLASS-323-19		US-PATENT-CLASS-307-295
		US-PATENT-CLASS-340-347AD		US-PATENT-CLASS-328-24
.7		US-PATENT-3,681,581		U5-PATENT-CLASS-328-155
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		US-PATENT-CLASS-343-771		US-PATENT-CLASS-317-101A
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		US-PATENI-CLASS-343-797		US-PATENT-CLASS-317-235A
		US-PATENT-CLASS-343-853	1	US-PATENT-CLASS-317-235AJ
	: _	US-PATENT-3,680,142	l	US-PATENT-3,694,700
C09	N72-31235	NASA-CASE-LEW-10950-1	c10 N72-332	
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		US-PATENT-APPL-SN-774691		US-PATENT-CLASS-331-115
	•	US-PATENT-CLASS-178-7.5E	,	US-PATENT-CLASS-331-1168
		US-PATENT-CLASS-315-22R	· ·	US-PATENT-CLASS-333-80T
		US-PATENT-CLASS-315-30R		US-PATENT-3,693,105
	:	US-PATENT-CLASS-330-27R	c14 N72~333	377 NASA-CASE-MFS-20760
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		US-PATENT-CLASS-29-588	c14 N72-333	179 NASA-CASE-GSC-11620-1
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		US-PATENT-CLASS-317-235M	1	US-PATENT-APPL-5N-104884
		US-PATENT-CLASS-317-235R		US-PATENT-CLASS-308-10
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c15	N72-31483	NASA-CASE-LAR-10061-1	c15 N72-334	77 NASA-CASE-NPO-11340
		US-PATENT-APPL-SN-104047	ŀ	US-PATENT-APPL-SN-147997
		US-PATENT-CLASS-251-86	ļ	US-PATENT-CLASS-60-1
		US-PATENT-CLASS-251-331	1	US-PATENT-CLASS-60-36
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	•	US-PATENT-CLASS-60-23		US-PATENT-CLASS-176-11
	•	US-PATENT-CLASS-60-26	f	US-PATENT-3,694,313
		US-PATENT-3,678,685	c25 N72-336	96 NASA-CASE-GSC-11291-1
CU-7	N72-32169	NASA-CASE-NPO-11361	Į.	US-PATENT-APPL-5N-102412
		US-PATENT-APPL-SN-112988		US-PATENT-CLASS-250-83.6R
	•	US-PATENT-CLASS-343-781		US-PATENT-3,694,655
		US-PATENT-CLASS-343-837	C02 N73-100	
		US-PATENT-CLASS-343-840		US-PATENT-APPL-SN-289018
		US-PATENT-CLASS-343-915	c07 N73-102	
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		US-PATENT-APPL-SN-100639	-44 977 400	US-PATENT-APPL-SN-297127
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		US-PATENT-CLASS-356-241	#45 NZO 400	US-PATENT-APPL-SN-288847
a15	N72-32487	US-PATENT-3,694,094	c15 N73-104	
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		US-PATENT-CLASS-118-49.1	C12 N13-103	
		US-PATENT-CLASS-204-298	c15 N73-105	US-PATENT-APPL-SN-298156
		in	C13 R73-103	
		US-PATENT-CLASS-219-121P US-PATENT-CLASS-219-273	c05 N73-110	US-PATENT-APPL-SN-289017 97 NASA-CASE-GSC-11531-1
		US-PATENT-3,690,291	4-0 0/0 //0	US-PATENT-APPL-SN-291845
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		US-PATENT-APPL-SN-289050		US-PATENT-APPL-SN-178771
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c04	N72-33072	NASA-CASE-ERC-10338		US-PATENT-APPL-SN-293739
		DS-PATENT-APPL-SN-50339	c07 N73-121	51 NASA-CASE-85C-13912-1
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		US-PATENT-3,679,360	c08 N73-121	75 NASA-CASE-NPO-11406
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		US-PATENT-CLASS-99-80PS		US-PATENT-CLASS-331-78
		US-PATENT-3,692,533		US-PATENT-CLASS-340-146.1AL
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		US-PATENT-CLASS-325-373		OS-PATENT-CLASS-235-155
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	•	US-PATENT-CLASS-179-15.55R		US-PATENT-APPL-SN-117575
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	US-PATENT-CLASS-340-146.1AV US-PATENT-3,697,950	C18 N73-12604	NASA-CASE-MFS-20408
	NASA-CASE-ERC-10412-1	1 618 375 12004	US-PATENT-APPL-SN-71048
CU9 N/3-12211	US-PATENT-APPL-SN-72024		US-PATENT-CLASS-161-93
	US-PATENT-CLASS-343-5DP	_	OS-PATENT-3,700,538
	US-PATENT-CLASS-349-11R	C22 N73-12702	NASA-CASE-NPO-13121-1 US-PATENT-APPL-SN-294727
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	US-PATENT-APPL-SN-123253 US-PATENT-CLASS-179-1P		BS-PATENT-3.698.667
	US-PATENT-CLASS-325-473	c02 N73-13023	NASA-CASE-LAR-10531-1
	US-PATENT-CLASS-325-480	1	US-PATENT-APPL-SN-302720
	US-PATENT-3,700,812	c05 N73-13114	NASA-CASE-MSC-13604-1 US-PATENT-APPL-SN-78717
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c11 N73-12265	NASA-CASE-NPO-10890	25 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	US-PATENT-3,698,385 NASA-CASE-GSC-11214-1
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	US-PATENT-CLASS-52-171 US-PATENT-CLASS-137-559		US-PATENT-CLASS-117-35R
	US-PATENT-CLASS-219-203		US-PATENT-3,702,775
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c12 N73-12295	NASA-CASE-LAR-10799-1		US-PATENT-CLASS-75-66 US-PATENT-3.702.762
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C14 N/3-12944	OS-PATENT-APPL-SN-114846		US-PATENT-APPL-SN-70967
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	US-PATENT-CLASS-250-41.9G	1	US-PATENT-CLASS-235-150.53 US-PATENT-CLASS-235-181
	US-PATENT-CLASS-250-41.9S	l	US-PATENT-CLASS-325-325
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	US-PATENT-CLASS-250-83.3H	c08 N73-13187	NASA-CASE-GSC-10975-1
	US-PATENI-CLASS-250-83.3R		US-PATENT-APPL-SN-100996 US-PATENT-CLASS-340-172.5
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C14 M73-12440	US-PATENT-APPL-SN-89211	1	US-PATENT-APPL-SN-198285
	US-PATENT-CLASS-356-106		US-PATENT-CLASS-315-3.5
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	US-PATENT-CLASS-136-224		US-PATENT-CLASS-235-152
	OS-PATENT-3,700,503		US-PATENT-CLASS-307-207 US-PATENT-CLASS-307-215
c14 N73-12455	NASA-CASE-MF5-21108-1 US-PATENT-APPL-SN-307728		US-PATENT-3,700,868
c15 N73-12486	NASA-CASE-KSC-10615	c09 N73-13214	NASA-CASE-GSC-11602-1
213 113 10,00	US-PATENT-APPL-SN-103078	1	HS-PATENT-APPL~SN-298157
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	US-PATENT-CLASS+204-192 US-PATENT-3,700,575	1	US-PATENT-3,702,898
c15 N73~12488	NASA-CASE-ARC-10345-1	c11 N73-13257	NASA-CASE-LAR-10574-1
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c15 N73-12494	US-PATENT-APPL-SN-810576 NASA-CASE-LAB-10841-1	C10 N73-13547	US-PATENT-3,699,807 NASA-CASE-XLE-05230-2
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c15 N73-12495		Į.	US-PATENT-APPL-SN-877717
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C17 N73-12587	US-PATENT-APPL-SN-308363 NASA-CASE-LAR-10539-1	] .	US-PATENT-3,699,645
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	US-PATENT-CLASS-333-81B		US-PATENT-3,702,536
	US-PATENT-CLASS-333-98R	C31 N/3-1.	3898 NASA-CASE-LAR-10549-1
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c31 N73-14855	NASA-CASE-NPO-10680		OS-PATENT-CLASS-204-325
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c14 N73-15474	US-PATENT-APPL-SN-306652 NASA-CASE-LAR-10806-1	c05 N73-18139	US-PATENT-APPL-SN-328795 NASA-CASB-LBW-11581-1
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	US-PATENT-CLASS-250-83.30V		US-PATENT-APPL-SN-334349
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c14 N73-16483	**************************************		US-PATENT-CLASS-95-11R US-PATENT-CLASS-250-217R
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	US-PATENT-CLASS-244-1SS		US-PATENT-CLASS-250-231
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	OS-PATENT-CLASS-244-1.55		US-PATENT-CLASS-73-91
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	US-PATENT-CLASS-307-221R	1 243 213-24131	US-PATENT-APPL-SN-354407
	US-PATENT-CLASS-328-37	c14 N73-22386	**************************************
	US-PATENT-CLASS-328-61		US-PATENT-APPL-SN-354612
	US-PATENT-CLASS-328-187	c14 N73-22387	NASA-CASE-LAR-11173-1
	US-PATENT-3,718,863		US-PATENT-APPL-SN-354408
c10 N73-20259	BASA-CASE-NPO-10764-2	c15 N73-22415	NASA-CASE-LEW-11484-1
-	US-PATENT-APPL-SN-836280		US-PATENT-APPL-SN-356554
c11 ¥73-20267	NASA-CASE-BFS-21362	c15 N73-22417	NASA-CASE-HFS-21606-1
	US-PATENT-APPL-SN-211411 US-PATENT-CLASS-73-432SD	c17 X73-22474	US-PATENT-APPL-SN-356555
	US-PATENT-3,714,833	01/ 8/3-424/4	MASA-CASE-LEW-11179-1
c14 N73-20474		c23 N73-22630	US-PATENT-APPL-SH-357312 NASA-CASE-HFS-21672-1
-17 AIJ-4V717	US-PATENT-APPL-SB-55535		US-PATENT-APPL-SN-354060
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c27 N73-22710	NASA-CASE-NPO-10893		US-PATENT-CLASS-343-6.58 US-PATENT-CLASS-343-6.8R
•=	US-PATENT-APPL-SN-845584		US-PATENT-3,729,736
	US-PATENT-CLASS-260-94.8 US-PATENT-3,634,383	COS N73-25206	NASA-CASE-NPO-11497
c28 N73-22721	NASA-CASE-LEW-11694-1	004 1170 11-01-1	US-PATENT-APPL-SN-155565
	ns-parent-Appl-SN-352381 1		US-PATENT-CLASS-235-10.2
c02 N73-22975	NASA-CASE-LAR-11141-1		US-PATENT-CLASS-235-92CV US-PATENT-CLASS-235-92DN
	US-PATENT-APPL-SN-359957		US-PATENT-CLASS-235-92EA
c07 N73-23106	NASA-CASE-NPO-13081-1 US-PATENT-APPL-SN-345372		US-PATENT-CLASS-235-92EV
c07 N73-23118	NASA-CASE-NFO-11921-1		US-PATENT-CLASS-235-92R
CO1 N/3-23110	US-PATENT-APPL-SN-359039		US-PATENT-CLASS-235-151.27
c09 N73-23290	NASA-CASE-KSC-10736-1	40 973 05000	US-PATENT-3,729,129 NASA-CASE-MSC-12428-1
	US-PATENT-APPL-SN-348787	C10 N/3-25240	US-PATENT-APPL-SN-170601
c09 N73-23291	NASA-CASE-GSC-11744-1 US-PATENT-APPL-SN-353162		US-PATENT-CLASS-179-1SA
c14 N73-23526	NASA-CASE-MFS-21488-1		US-PATENT-CLASS-235-151.31
C14 M/D 13020	ns=patent-Appl-SN-359156		US-PATENT-CLASS-324-77B US-PATENT-CLASS-324-78J
c14 N73-23527	NASA-CASE-KSC-10750-1 US-PATENT-APPL-SN-346372		US-PATENT-3,732,405
c15 N73-23552	NASA-CASE-MFS-21846-1	c10 N73-25241	NASA-CASE-GSC-11239-1
C13 N/3-23332	ns-patent-appl-sn-359958		US-PATENT-APPL-SN-180583
c15 N73-23553	NASA-CASE-KSC-10723-1		OS-PATENT-CLASS-325-67 US-PATENT-CLASS-325-363
_	OS-PATENT-APPL-SN-347952		0S-PATENT-3,737,781
c18 N73-23629	NASA-CASE-NPO-13120-1 US-PATENT-APPL-SN-348422	c10 N73-25243	NASA-CASE-MFS-21919-1
c26 N73-23770	NASA-CASE-MFS-20775-1		US-PATENT-APPL-SN-193456
	US-PATENT-APPL-SN-356664 )		US-PATENT-CLASS-317-100 US-PATENT-CLASS-317-101DH
c07 N73-24176	NASA-CASE-NPO-11751		US-PATENT-3,735,206
	US-PATENT-APPL-SN-192141 US-PATENT-CLASS-343-DIG-2	c12 N73-25262	NASA-CASE-LAR-10578-1
•	US-PATENT-CLASS-343-915		US-PATENT-APPL-SN-233098
	US-PATENT-3,729,743		US-PATENT-CLASS-73-147 US-PATENT-3,731,528
c07 N73-24187	NASA-CASE-GSC-11388+1	c14 N73-25469	
.00 833 36336	US-PATENT-APPL-SN-306980 NASA-CASE-MFS-22342-1	C14 M73-23400	US-PATENT-APPL-SN-212165
	ns=parenr+appl-s%-361666 l		US-PATENT-CLASS-73-189
c14 N73-24472	NASA-CASE-LEW-11072-1		US-PATENT-3,731,531 NASA-CASE-KSC-10108
	US-PATENT-APPL-SN-104885	c14 N73-25461	US-PATENT-APPL-SN-73922
	US-PATENT-CLASS-136-225 US-PATENT-3,729,343		US-PATENT-CLASS-343-6.8R
c14 N73-24473	NASA-CASE-NES-20418		US-PATENT-CLASS-343-14
	US-PATENT-APPL-SN-162101		US-PATENT-CLASS-343-17.5 US-PATENT-3,732,567
	US-PATENT-CLASS-128-206F	010 N72-05062	NASA-CASE-NPO-11686
	US-PATENT-CLASS-324-78E US-PATENT-3,729,676	C14 N/3~23402	US-PATENT-APPL-5N-212900
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013 113 21013	DS-PATENT-APPL-SN-120241		US-PATENT-CLASS-250-203R US-PATENT-CLASS-250-214
	US-PATENT-CLASS-60-25		US-PATENT-CLASS-250-214
	US-PATENT-CLASS-417-391 US-PATENT-3,732,040	ļ	US-PATENT-CLASS-356-152
c17 N73-24569	NASA-CASE-LEW-10920-1		US-PATENT-3,723,475
	US-PATENT-APPL-SN-106424	c14 N73-25463	NASA-CASE-ARC-10278-1 US-PATENT-APPL-SN-154933
	US-PATENT-CLASS-204-192 US-PATENT-3,732,158		US-PATENT-CLASS-356-110
228 N73-24783	NASA-CASE-NPO-11880	ļ	US-PATENT-3,729,260
(20 11/3 24:03	US-PATENT-APPL-SN-209535	c14 x73-25467	NASA-CASE-MFS-21728-1
	OS-PATENT-CLASS-60-202	4F 1770 BEE40	US-PATENT-APPL-SN-361907 NASA-CASE-LAR-10129-1
	US-PATENT-CLASS-313-DIG.8 US-PATENT-CLASS-313-63	C15 N/3-25512	US-PATENT-APPL-SH-99201
	US-PATENT-CLASS-3.13-231	į.	US-PATENT-CLASS-24-134R
	US-PATENT-3,728,861		US-PATENT-CLASS-182-5
	US-PATENT-313-204	1	US-PATENT-CLASS-188-65-1 US-PATENT-CLASS-254-156
c28 N73-24784	NASA-CASE-NPO-11559 US-PATENT-APPL-SN-147996		US-PATENT-3,729,068
	US-PATENT-CLASS-60-254	c15 N73-25513	NASA-CASE-GSC-11205-1
	US-PATENT-CLASS-60-256	1	US-PATENT-APPL-SN-107376
	US-PATENT-CLASS-102-49.7	· ·	US-PATENT-CLASS-188-266 US-PATENT-CLASS-244-1SA
	US-PATENT-CLASS-102-49.8 US-PATENT-3,729,935		US-PATENT-3,737,118
c05 N73-25125	NASA-CASE-NFS-20332-2	c16 N73-25564	NASA-CASE-LAR-11341-1
	US-PATENT-APPL-SN-195061		US-PATENT-APPL-SN-367293
	US-PATENT-APPL-SN-869260	c25 N73-25760	NASA-CASE-LEW-11180-1 US-PATENT-APPL-SN-175852
	US-PATENT-CLASS-2-2.1A US-PATENT-CLASS-128-142.5		US-PATENT-CLASS-60-202
	US-PATENT-CLASS-137-538		US-PATENT-CLASS-313-161
	US-PATENT-3,720,208	1	US-PATENT-CLASS-313-231
c07 N73-25160	NASA-CASE-ARC-10097-2	c28 N73-25816	US-PATENT-3,735,591 NASA-CASE-LEW-11593-1
	US-PATENT-APPL-SN-115083 US-PATENT-APPL-SN-768662	626 N/3-25816	US-PATENT-APPL-SN-363691
	US-PATENT-CLASS-325-45	c33 N73-25952	NASA-CASE-LEW-10359-2
	US-PATENT-CLASS-325-61		US-PATENT-APPL-SN-47063
	US-PATENT-CLASS-325-113 US-PATENT-CLASS-325-139		US-PATENT-APPL-SN-150215 US-PATENT-CLASS-60-2004
	US-PATENT-CLASS-320-139 US-PATENT-CLASS-340-207		DS-PATENT-CLASS-60-265
	US-PATENT-CLASS-340-258R		US-PATENT-CLASS-60-267
	US-PATENT-3,719,891		US-PATENT-CLASS-62-467 US-PATENT-CLASS-102-105
c07 N73+25161	NASA-CASE-NPO-11707		OS-PATENT-CLASS-102-103 OS-PATENT-CLASS-244-117A
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-00	W73 D4 "	US-PATENT-3,720,075			US-PATENT-CLASS-333-84M
CUZ	N73-26004	NASA-CASE-LAR-10682-1			US-PATENT-3,737,815
1.5		US-PATENT-APPL-SN-127915	coa 8	173-26196	NASA-CASE-MFS-21698-1
		US-PATENT-CLASS-244-75A			OS-PATENT-APPL-SN-370505
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		US-PATENT-CLASS-244-77F		173-26199	US-PATENT-APPL-SN-370255
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	-	US-PATENT-3,737,121	1		US-PATENT-3,737,757
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		US-PATENT-CLASS-9-2A			US-PATENT-CLASS-307-220
		US-PATENT-CLASS-9-3			US-PATENT-CLASS-307-233
		US-PATENT-CLASS-9-11A	[		US-PATENT-3,737,676
		US-PATENT-CLASS-114-122	[ c10 N	73-26230	
- 6.0		US-PATENT-3,736,607	1		US-PATENT-APPL-SN-254177
CU2.	N73-26007	NASA-CASE-LAR-11252-1			US-PATENT-CLASS-235-186
-00	¥77-06000	US-PATENT-APPL-SN-367268	1		US-PATENT-CLASS-235-194
CUZ	N73-26008	NASA-CASE-LAR-11087-1	1		US-PATENT-CLASS-235-197
c03	N73-26047	US-PATENT-APPL-SN-367267 NASA-CASE-LAR-11174-1	240.3	73-26231	US-PATENT-3,737,639
003	113 20041	US-PATENT-APPL-SN-372142	"	13-20231	NASA-CASE-MSC-14129-1 US-PATENT-APPL-SN-362146
c03	N73-26048	NASA-CASE-LEW-11065-2	C10 N	73-26232	NASA-CASE-MSC-14130-1
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	* .	US-PATENT-APPL-SN-247481	]		US-PATENT-APPL-SN-144139
		OS-PATENT-CLASS-2-2.1			US-PATENT-CLASS-180-6.5
		US-PATENT-CLASS-62-89			US-PATENT-CLASS-180-7R
		US-PATENT-CLASS-62-176			US-PATENT-CLASS-180-8A
		US-PATENT-CLASS-62-207			US-PATENT-CLASS-180-9.2R
		US-PATENT-CLASS-62-209		,	US-PATENT-CLASS-180-9.5
		US-PATENT-CLASS-62-259			US-PATENT-CLASS-180-41
		US-PATENT-CLASS-165-46 US-PATENT-3,736,764			US-PATENT-CLASS-305-35EB
c05	N73-26072				US-PATENT-CLASS-305-39 US-PATENT-3,730,287
	H 2-0,2	US-PATENT-APPL-SN-159857	c14 N	73-26430	
		US-PATENT-CLASS-128-2-18			US-PATENT-APPL-SN-101214
		US-PATENT-CLASS-351-23			US-PATENT-CLASS-219-50
		US-PATENT-CLASS-351-30			US-PATENT-CLASS-219-499
		US-PATENT-CLASS-351-36			US-PATENT-3,733,463
-06	N73-26100	US-PATENT-3,737,217	C14 N	73-26431	NASA-CASE-MSC-12363-1
CUB	0/3-20100	NASA-CASE-GSC-11358-1 US-PATENT-APPL-SN-226551			US-PATENT-APPL-SN-125236
•		US-PATENT-CLASS-260-46.5R			US-PATENT-CLASS-95-1.1 US-PATENT-3.736.849
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c07	N73-26117	NASA-CASE-RSC-10392			US-PATENT-APPL-SN-24155
		US-PATENT-APPL-SN-181024			US-PATENT-CLASS-250-209
	F	US-PATENT-CLASS-343-880			US-PATENT-CLASS-340-15.5GC
		US-PATENT-CLASS-343-883			US-PATENT-CLASS-343-100ME
1		US-PATENT-CLASS-343-889 US-PATENT-CLASS-343-895	a15 N	73-26472	US-PATENT-3,737,905
		US-PATENT-3,737,912		73-20412	US-PATENT-APPL-SN-181023
c07	N73-26118	NASA-CASE-NPO-11548			US-PATENT-CLASS-137-397
		US-PATENT-APPL-SN-151411		·	US-PATENT-CLASS-137-582
•		US-PATENT-CLASS-179-15A			US-PATENT-3,736,956 W
•		US-PATENT-CLASS-179-15BM	c15 N	73-26474	NASA-CASE-NPO-13201-1
		US-PATENT-CLASS-325-40			US-PATENT-APPL-SN-372149
		US-PATENT-CLASS-343-204	c15 N	73-26475	NASA-CASE-NPO-13157-1
~07	m72_16110	US-PATENT-3,737,776	~16 N	22 25580	US-PATENT-APPL-SN-370872
LU I	N73-26119	US-PATENT-APPL-SN-89210	C IQ N	73-26500	NASA-CASE-MFS-22040-1
	•	US-PATENT-CLASS-250-199	c18 N	73-25572	US-PATENT-APPL-SN-365644
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•		US-PATENT-CLASS-332-7.51		,	US-PATENT-CLASS-252+8.1
	•	US-PATENT-CLASS-356-4			US-PATENT-3,730,891
٠.	4.	US-PATENT-CLASS-356-5	c25 N	73-26721	NASA-CASE-MFS-22145-1
		US-PATENT-3,737,231			US-PATENT-APPL-SN-367606
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		US-PATENT-APPL-SN-362145			US-PATENT-APPL-SN-200085
C08	ห 73- 26175	US-PATENT-APPL-SN-236285			US-PATENT-CLASS-250-219TH
•		US-PATENT-CLASS-235-152	*		US-PATENT-CLASS-356-108
		US-PATENT-CLASS-235-164			US-PATENT-CLASS-356-161 US-PATENT-CLASS-356-202
· · · ·		US-PATENT-CLASS-328-167			US-PATENT-CLASS-356-202 US-PATENT-3,737,237
	-v .	US-PATENT-3,732,409	c26 N	73-26752	NASA-CASE-LEW-11726-1
c08	N73-26176	NASA-CASE-NPO-11456	· -		US-PATENT-APPL-SN-280031
		US-PATENT-APPL-SN-153543			US-PATENT-CLASS-29-599
		US-PATENT-CLASS-340-172.5			US-PATENT-CLASS-156-18
~ ~		US-PATENT-3,740,725			. US-PATENT-CLASS-174-DIG.6
c09.	n73-26195	NASA-CASE-GSC-10990-1			US-PATENT-CLASS-336-DIG. 1
		US-PATENT-APPL-SN-93329 US-PATENT-CLASS-333-73R			US-PATENT-CLASS-336-200
	* *	US-PATENT-CLASS-333-73S	c30 N	73-26838	US-PATENT-3,737,824 NASA-CASE-LAR-11059-1
		US-PATENT-CLASS+333-82A	1		US-PATENT-APPL-SN-367294

c31 N73-26876	NASA-CASE-MFS-20863	c15 N73-27406	NASA-CASE-NPO-11377
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	US-PATENT-CLASS-244-1SD		US-PATENT-CLASS-137-154
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c31 N73-26875	US-PATENT-APPL-SN-370582	c15 N73-27407	NASA-CASE-KSC-10752-1
c32 N73-26910	NASA-CASE-LAR-10756-1		US-PATENT-APPL-SN-372143
C3% N13-50310	US-PATENT-APPL-SN-160859	c16 N73-27431	NASA-CASE-NPO-13175-1
	US-PATENT-CLASS-73-67.3		US-PATENT-APPL-SN-374423
	US-PATENT-CLASS-73-88.5R	c17 N73-27446	NASA-CASE-LAR-10953-1 US-PATENT-APPL-SN-163152
	US-PATENT-CLASS-73-91		US-PATENT-CLASS-23-230R
	US-PATENT-CLASS-235-92MT US-PATENT-3,733,424	1	US-PATENT-3,744,972
		c18 N73-27501	NASA-CASE-MSC-14331-1
C33 N/3-26908	NASA-CASE-NPO-11330 US-PATENT-APPL-SN-118269	1	US-PATENT-APPL-SN-374421
	US-PATENT-CLASS-285-DIG.21	c27 N73-27695	NASA-CASE-LEW-11071-1
	US-PATENT-CLASS-285-316		US-PATENT-APPL-SN-370581
	US-PATENT-3,737,181	c28 N73-27699	NASA-CASE-XLE-10453-2 US-PATENT-APPL-SN-180473
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	US-PATENT-APPL-SN-60950 US-PATENT-APPL-SN-139250		US-PATENT-CLASS-60-202
	US-PATENT-CLASS-103.5R		US-PATENT-CLASS-313-63
	HS-PATENT-3.745.090	1	US-PATENT-CLASS-313-217
COS N73-27062	NASA-CASE-LEW-11669-1	1	US-PATENT-CLASS-313-218
COS MIS 21-92	US-PATENT-APPL-SN-198885		US-PATENT-CLASS-313-230 US-PATENT-CLASS-313-355
	US-PATENT-CLASS-32-28	İ	US-PATENT-3,744,247
	US-PATENT-CLASS+32-58	-33 N73-27796	NASA-CASE-LAR-10439-1
	US-PATENT-CLASS-128-2 US-PATENT-CLASS-128-24A	C33 M73-27790	DS-PATENT-APPL-SN-182033
	US-PATENT-CLASS-128-305	i	US-PATENT-CLASS-73-86
	US-PATENT-3,736,938		US-PATENT-CLASS-73-339
c06 N73-27086	NASA-CASE-GSC-10225-1		US-PATENT-CLASS-73-432R
	US-PATENT-APPL-SN-710621	1	US-PATENT-CLASS-356-72 US-PATENT-3,745,816
	US-PATENT-CLASS-195-66R	-AE N72-279/1	NASA-CASE-MFS-21109-1
	US-PATENT-3,745,089 NASA-CASE-NPO-13140-1	CO3 N/3-2/941	US-PATENT-APPL-SN-202769
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c07 N73-27107	NASA+CASE-GSC-11743-1		US-PATENT-CLASS-128-2.05R
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c09 N73-27150	NASA-CASE-BBC-10224-2	ì	US-PATENT-CLASS-272-73
	US-PATENT-APPL-SN-221833	05 332 22000	US-PATENT-3,744,480 NASA-CASE-LEW-11325-1
	US-PATENT-APPL-SN-868775 US-PATENT-CLASS-29-580	CU6 N13-21980	OS-PATENT-APPL-SN-184960
	US-PATENT-CLASS-317+234G	1	US-PATENT-CLASS-117-161E
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	US-PATENT-CLASS-317-234M	i	US-PATENT-CLASS-117-228 US-PATENT-CLASS-161-214
	US-PATENT-CLASS-317-234N	1	DS-PATENT-CLASS-161-227
	US-PATENT-CLASS-317-234R US-PATENT-3,742,316		US-PATENT-CLASS-260-30.2
ann x72-27153	NASA-CASE-KSC-10769-1	İ	US-PATENT-CLASS-260-30.8DS
	US-PATENT-APPL-SN-374583		US-PATENT-CLASS-260-32.6N
c10 N73-27171	NASA-CASE-NPO-11941-1		US-PATENT-CLASS-260-33.4B US-PATENT-CLASS-260-33.6B
	US-PATENT-APPL-SN-241614		US-PATENT-CLASS-260-35.00 US-PATENT-CLASS-260-47CP
	US-PATENT-CLASS-330-70CR US-PATENT-CLASS-331-17	1	US-PATENT-CLASS-260-65
	US-PATENT-CLASS-331-17 US-PATENT-CLASS-331-25	]	US-PATENT-CLASS-260-78TF
	US-PATENT-3,740,671	<b>[</b>	US-PATENT-CLASS-260-78UA
c11 N73-27175	NASA-CASE-ARC-10710-1	1	US-PATENT-3,745,149
	US-PATENT-APPL-SN-379019	c07 N73-28012	NASA-CASE-NPO-11593-1
c14 N73-27376	NASA-CASE-HQN-10037-1	l	US-PATENT-APPL-SN-172807 US-PATENT-CLASS-179-15F5
	US-PATENT-APPL-SN-235957 US-PATENT-CLASS-73-28	ļ	US-PATENT-CLASS-325-419
	US-PATENT-CLASS-75-28 US-PATENT-3,741,001	İ	US-PATENT-CLASS-329-122
c14 N73-27377	NASA-CASE-MFS-21046-1	- 1	US-PATENT-3,745,255
C14 M15 21511	US-PATENT-APPL-SN-156725	c07 N73-28013	NASA-CASE-GSC-11046-1
	US-PATENT-CLASS-35-12C	1	US-PATENT-APPL-SN-182399 US-PATENT-CLASS-343-725
	US-PATENT-CLASS-272-73		US-PATENT-CLASS-343-729
	US-PATENT-3,744,794 NASA-CASE-KSC-10626		US-PATENT-CLASS-343-797
C14 N/3-2/3/8	US-PATENT-APPL-SN-180963		HS-PATENT-CLASS-343-803
	US-PATENT-CLASS-222-414	· ·	US-PATENT-CLASS-343-893
	US-PATENT-CLASS-244-155		US-PATENT-3,747,111
	US-PATENT-CLASS-244-135	c08 N73-28045	NASA-CASE-XNP-00477 US-PATENT-APPL-SN-175497
	US-PATENT-3,744,738		US-PATENT-CLASS-340-347
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	US-PATENT-CLASS-73-1DV	C09 N73+28083	NASA-CASE-GSC-11215-1
	US-PATENT-CLASS-179-175-1A		US-PATENT-APPL-SN-114873
	US-PATENT-CLASS-340-5C		US-PATENT-CLASS-29-628
	US-PATENT-3,744,294		US-PATENT-CLASS-29-629 US-PATENT-CLASS-29-630
c14 N73-27380	NASA-CASE-MFS-20932-1		US-PATENT-CLASS-29-630A
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CID N/3-2/405	US-PATENT-APPL-SN-127647	c09 N73-28084	NASA-CASE-XNP-03623
	US-PATENT-CLASS-53-22A		#S=DATENT-APPL-SN-4/1124
	US-PATENT-CLASS-53-112A		US-PATENT-CLASS-178-69-5
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c12 N73-28144	US-PATENT-APPL-SN-233173	c05 N73-30078	US-PATENT-APPL-SN-251609
	US-PATENT-CLASS-73-147	•	US-PATENT-CLASS-73-379
	US-PATENT-3,744,305		US-PATENT-3,750,479
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C14 N/3-20400	BS-PATENT-APPL-SN-175267	COO M13-30031	US-PATENT-APPL-SN-59892
•	US-PATENT-CLASS-73-15R		US-PATENT-CLASS-60-215
	US-PATENT-CLASS-324-52		US-PATENT-CLASS-149-1
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C14 8/3-2040/	US-PATENT-APPL-SN-97472		US-PATENT-CLASS-252-305
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	US-PATENT-CLASS-73-170R	c06 N73-30098	NASA-CASE-MFS-21040-1
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	US-PATENT-CLASS-307-308 US-PATENT-3,745,357		US-PATENT-CLASS-260-77.5 US-PATENT-3,463,761
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	US-PATENT-CLASS-356-141	AC 1183 30401	US-PATENT-3,577,356
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	US-PATENT-APPL-SN-379290		US-PATENT-CLASS-178-DIG-23
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	US-PATENT-CLASS-75-66		US-PATENT-CLASS-315-248
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	US-PATENT-APPL-SN-267572	•	US-PATENT-CLASS-340-279
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c14 N73-29438	US-PATENT-APPL-SN-32/969 NASA-CASE-NPO-11932-1	ሁለት መነጋ [—] 3038ት	US-PATENT-APPL-SN-205675
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Can Min-23303	US-PATENT-APPL-SN-277904		US-PATENT-CLASS-324-62R
c02 N73-30C18	NASA-CASE-AHC-10470-2		US-PATENT-CLASS-324-95

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	US-PATENT-3,750,016	ì	US-PATENT-APPL-SN-192970
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	US-PATENT-CLASS-250-105		US-PATENT-CLASS-431-9
-44	US-PATENT-3,749,911	· ·	US-PATENT-CLASS-431-173
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	US-PATENT-3,395,565		US-PATENT-CLASS-350-55
C14 N73-30391	NASA-CASE-XLA-05087	Į	US-PATENT-CLASS-350-162SF
	US-PATENT-APPL-SN-459407	-74 117 20220	US-PATENT-3,752,564 
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	US-PATENT-CLASS-250-518		US-PATENT-CLASS-165-105 US-PATENT-CLASS-244-1SS
c14 N73-30393	US-PATENT-3,752,986 NASA-CASE-GSC-11487-1		US-PATENT-3,749,156
014 11.0 00000	US-PATENT-APPL-5N-193814	c31 N73-30832	NASA-CASE-MSC-14245-1
	US-PATENT-CLASS-250-203	i	US-PATENT-APPL-SN-389916
	US-PATENT-CLASS-350-55	c02 N73-30938	NASA-CASE-ARC-10456-1
	US-PATENT-CLASS-350-199 US-PATENT-CLASS-350-204	c03 N73-30974	US-PATENT-APPL-SN-237491 NASA-CASE-NPO-11156-2
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	US-PATENT-CLASS-73-398	c07 N73-31084	NASA-CASE-NFS-16609-2
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	US-PATENT-CLASS-73-421.5R	c15 N73-31442	NASA-CASE-NPO-13205-1 US-PATENT-APPL-SN-393525
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	US-PATENT-CLASS-254-29A	c15 N73-31446	NASA-CASE-LAE-10489-2
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	US-PATENT-3.751.123	c33 N73-31826	
c15 N73-30459		ŀ	US-PATENT-APPL-SN-392823
	US-PATENT-APPL-SN-206698	c03 N73-31988	NASA-CASE-MSC-12396-1
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c15 N73-30460	NASA-CASE-HQN-10638-1		US-PATENT-CLASS-307-29
	US-PATENT-APPL-SN-212977		US-PATENT-CLASS-307-38
	US-PATENT-CLASS-188-1C US-PATENT-CLASS-297-386	c04 N73-32000	US-PATENT-3,755,686 
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46 823 20426	US-PATENT-APPL-SN-387095		US-PATENT-APPL-SN-60882
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	US-PATENT-CLASS-350-3.5		US-PATENT-CLASS-195-127 US-PATENT-3,756,920
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C10 N73-30470	US-PATENT-APPL-SN-386793		US-PATENT-CLASS-2-81 US-PATENT-CLASS-128-1A
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	US-PATENT-CLASS-156-285		US-PATENT-APPL-SN-228150
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	US-PATENT-APPL-SN-390466		US-PATENT-CLASS-3-6
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	US-PATENT-CLASS-250-236		US-PATENT-CLASS-137-535
c21 N73-30641	US-PATENT-3,752,993		US-PATENT-CLASS-272-DIG. 1
CZ 1 N/3-50041	NASA-CASE-LAR-10717-1 US-PATENT-APPL-SN-242028		US-PATENT-CLASS-272-DIG-4 US-PATENT-CLASS-272-DIG-5
	US-PATENT-CLASS-343-6.5R		US-PATENT-CLASS-272-DIG-D US-PATENT-CLASS-272-79C
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002 N73-30565	US-PATENT-3,750,168 NASA-CASE-LEH-11326-1	c05 N73-32015	NASA-CASE-MSC-13436-1
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-	US-PATENT-3,759,249	c14 N73-32317	NASA-CASE-NPO-12128-1
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	NASA-CASE-NPO-10999-1		US-PATENT-CLASS-250-83.3R
	US-PATENT-APPL-SN-145027		US-PATENT-CLASS-250-207
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	US-PATENT-CLASS-340-347DA		US-PATENT-3,379,052
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	US-PATENT-APPL-SN-239574		US-PATENT-CLASS-95-42 US-PATENT-CLASS-346-110
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CO9 N/3-32108	NASA-CASE-GSC-11368-1 US-PATENT-APPL-SN-237029		US-PATENT-CLASS-73-94
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	US-PATENT-CLASS-136-89	1	US-PATENT-CLASS-313-7
	US-PATENT-CLASS-250-212	-41 N73 3336	US-PATENT-3,310,699 NASA-CASE-XNP-04231
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CU9 N/3-32110	NA SA-CASE-KSC-10729-1 US-PATENT-APPL-SN-221714		US-PATENT-3,330,225
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CO3 013-32112	US-PATENT-APPL-SN-151412		US-PATENT-CLASS-73-170R
	US-PATENT-CLASS-317-235R	ĺ	US-PATENT-3,763,691
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	US-PATENT-APPL-SN-394206		US-PATENT-APPL-5N-402867
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	NASA-CASE-GSC-11783-1	]	US-PATENT-CLASS-29-497
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c09 N73-32120	NASA-ÇASE-GSC-11582-1 US-PATENT-APPL-SN-397477	ł.	US-PATENT-CLASS-219-117
-00 972 20114	NASA-CASE-LAR-11389-1		US-PATENT-3.758.741
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C10 1115 52140	US-PATENT-APPL-SN-226476		US-PATENT-CLASS-308-9
	US-PATENT-CLASS-178-18		US-PATENT-CLASS-308-35
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	US-PATENT-CLASS-340-166 US-PATENT-CLASS-340-173		US-PATENT-CLASS-29-527.2 US-PATENT-CLASS-72-53
	US-PATENT-CLASS-340-173 US-PATENT-CLASS-340-223	}	US-PATENT-CLASS-72-55
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	US-PATENT-3,760,394	1	US-PATENT-CLASS-117-105.5
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2 4 6 8 4 7 - 7 W 14 7	US-PATENT-APPL-SN-218965	1	US-PATENT-CLASS-117-138.8R
	US-PATENT-CLASS-307-271	1	US-PATENT-CLASS-117-151
	US-PATENT-CLASS-318-230	Į.	US-PATENT-CLASS-117-160R
	US-PATENT-CLASS-318-231		US-PATENT-3,754,976
	US-PATENT-CLASS-318-341	C15 N73-32361	NASA-CASE-XNP-01188
	US-PATENT-CLASS-331-135 US-PATENT-3,760,248	1	US-PATENT-APPL-SN-155596 US-PATENT-CLASS-317-158
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	US-PATENT-APPL-SN-486884 US-PATENT-CLASS-175-26	c06 N73-33076	NASA-CASE-NPO-10767-1
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	US-PATENT-CLASS-307-157	1	NS-PATENT-3 764 200
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	US-PATENT-CLASS-73-170 US-PATENT-CLASS-75-171		US-PATENT-APPL-SN-211332 US-PATENT-CLASS-244-145
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C18 N/3-32437	NASA-CASE-MFS-20861-1 US-PATENT-APPL-SN-160860	c05 N74~10099	NASA-CASE-MFS-22022-1
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c22 N73-32528	US-PATENT-3,752,665 NASA-CASE-XLE-00209	i	ПS-РЪТРИТ-1 DDISN-40360#
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	US-PATENT-CLASS-165-105 US-PATENT-CLASS-165-141	COS N70-10200	US-PATENT-3,764,850
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	US-PATENT-CLASS-52-64	į	US-PATENT-CLASS-235-150.3
	US-PATENT-CLASS-52-80 US-PATENT-CLASS-52-109	ł	US-PATENT-CLASS-307-225R US-PATENT-CLASS-328-48
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	US-PATENT-APPL-SN-266866		US-PATENT-CLASS-277-27 US-PATENT-CLASS-277-96
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C14 B74 (1200	US-PATENT-APPL-SN-228 189		US-PATENT-CLASS-328-123 US-PATENT-CLASS-340-173CR
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	US-PATENT-CLASS-29-497.5	•	US-PATENT-CLASS-313-209
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C00 M14-11220	US-PATENT-APPL-SM-414043	-46 276 40404	US-PATENT-3,752,996 NASA-CASE-NFS-20730-1
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	US-PATENT-APPL-SN-193980		US-PATENT-CLASS-338-320
	US-PATENT-CLASS-264-294 US-PATENT-3,772,418	C09 N74-14939	US-PATENT-3,732,397 NASA-CASE-FEC-10072-1
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	US-PATENT-CLASS-250-217 US-PATENT-CLASS-340-174.1M		US-PATENT-CLASS-244-15A US-PATENT-CLASS-244-3-16
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	US-PATENT-APPL-SN-232021		US-PATENT-CLASS-317-235N
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	US-PATENT-CLASS-244-77B		US-PATENT-CLASS-250-361
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	US-PATENT-APPL-SN-239803	<b>}</b>	US-PATENT-APPL-SN-271951
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	US-PATENT-3,779,788	c14 N74~15093	US-PATENT-3,780,563 NASA-CASE-ARC-10442-1
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	US-PATENT-APPL-SN-233519		US-PATENT-CLASS-62-45
	US-PATENT-CLASS-60-258 US-PATENT-CLASS-60-259	1	US-PATENT-CLASS-165-2
	US-PATENT-CLASS-60-259 US-PATENT-3,777,490		US-PATENT-CLASS-165-109 US-PATENT-CLASS-259-DIG-18
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c05 N74-13818	US-PATENT-APPL-SN-428995	•	US-PATENT-3,782,698
CUS N/4-13818	NASA-CASE-ARC-10753-1 US-PATENT-APPL-SN-427395	C14 N74-15094	NASA-CASE-NPO-13044-1
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	US-PATENT-APPL-SN-426155		US-PATENT-CLASS-73-517B
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213 NIA 14133	NASA-CASE-LAR-10782-1 US-PATENT-APPL-SN-197689	c14 N74-15095	NASA-CASE-MSC-14096-1 US-PATENT-APPL-SN-242662
	US-PATENT-CLASS-264-102		US-PATENT-CLASS-350-7
_ac uma abass	US-PATENT-3,780,151		US-PATENT-CLASS-350-236
c15 N74-14141	NASA-CASE-LAR-10337-1	1	US-PATENT-CLASS-350-285
c18 N74-14230	US-PATENT-APPL-SN-424038 NASA-CASE-ARC-10721-1		US-PATENT-CLASS-356-43 US-PATENT-CLASS-356-216
	US-PATENT-APPL-SN-427775		US-PATENT-CLASS-356-210 US-PATENT-3,782,835
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c03 N74-14784	US-PATENT-APPL-SN-421702 NASA-CASE-LEW-11069-1		US-PATENT-APPL-SN-54540
COD 8/45/44/64	NASA-CASE-LEW-11069-1 US-PATENT-APPL-SN-83816	1	US-PATENT-APPL-SN-220251
	US-PATENT-CLASS-29-572		US-PATENT-APPL-SN-723465 US-PATENT-CLASS-277-27
	US-PATENT-CLASS-29-588		US-PATENT-CLASS-277-91
	US-PATENT-CLASS-136-89		US-PATENT-3,782,737
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	US-PATENT-APPL-SN-280029		US-PATENT-CLASS-350-3.5
	US-PATENT-CLASS-259-98	_40 v7/L_47/202	US-PATENT-3,752,556 NASA-CASE-HFS-20486-2
	US-PATENT-CLASS-417-470	C.18 N/4-1/203	US-PATENT-APPL-SN-84212
	US-PATENT-CLASS-417-471 US-PATENT-3,782,699	į	US-PATENT-APPL-SN-292382
c15 N74-15127	NASA-CASE-NPO-11682-1		US-PATENT-CLASS-260-29.6S
	US-PATENT-APPL-SN-187365		US-PATENT-3,784,499
	US-PATENT-CLASS-23-284	c05 N74-17853	NASA-CASE-MFS-21163-1
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	US-PATENT-APPL-SN-201904		US-PATENT-CLASS-224-444
	US-PATENT-APPL-SN-280390	. AC WOL 470CO	US-PATENT-3,790,037
	US-PATENT-CLASS-29-148.4A	CU5 M/4-1/858	
	US-PATENT-CLASS-29-148.48 US-PATENT-3,781,958	~A7 N7#=17995	US-PATENT-APPE-SN-449155 
c15 N74-15130	NASA-CASE-MFS-20767-1	CV/ N/4-1/003	US-PATENT-APPL-SN-196931
•	US-PATENT-APPL-SN-196898	1	US-PATENT-CLASS-325-30B
	US-PATENT-CLASS-73-67.8S		US-PATENT-CLASS-332-11D
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	US-PATENT-CLASS-356-4	CO3 11/4-1/32,7	US-PATENT-APPL-SN-335201
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	US-PATENT-CLASS-356-152		US-PATENT-CLASS-333-16
	US-PATENT-3,781,111		US-PATENT-CLASS-333-18
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	US-PATENT-CLASS-73-71.3		NASA-CASE-NPO-13159-1
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	US-PATENT-3,782,825		US-PATENT-CLASS-100-8 US-PATENT-CLASS-336-210
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	US-PATENT-APPL-SN-419748	c09 N74-17929	NASA-CASE-ARC-10197-1
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i i	OS-PATENT-APPL-SN-246056		US-PATENT-CLASS-317-16
	US-PATENT-CLASS-73-67.5R		OS-PATENT-CLASS-317-31
	OS-PATENT-CLASS-73-71.5U	00	US-PATENT-3,795,840
	US-PATENT-CLASS-324-40	C09 874-17930	NASA-CASE-NUC-10107-1
c28 N74-15459	US-PATENT-3,782,177		US-PATENT-APPL-SN-201700 US-PATENT-CLASS-324-102
0-0 274 10403	US-PATENT-APPL-SN-316618		US-PATENT-CLASS-324-102
i.	US-PATENT-CLASS-181-43		US-PATENT-CLASS-329-50
	ng_bampam_3 70A 037		US-PATENT-3.795.862
c33 N74-15652	NASA-CASE-LAR-10105-1	c10 N74-17949	NASA-CASE-NPO-13374-1
	US-PATENT-APPL-SN-170680		US-PATENT-APPL-SN-449118
	US-PATENT-CLASS-73-86	C11 N74-17955	NASA-CASE-LAR-10812-1
CON N74-1577H	US-PATENT-3,782,181		US-PATENT-APPL-SN-263815
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	US-PATENT-CLASS-119-51.5	c14 N74-18088	
	US-PATENT-CLASS-119-51.13		US-PATENT-APPL-SN-275118
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1	US-PATENT-CLASS-221-265 US-PATENT-3,782,334	18 M70 +0000	US-PATENT-3,790,795
c07 N74-15831	05-F41EN1-5,762,334 	C14 N74-18089	US-PATENT-APPL-SN-224489
001 1111 13031	US-PATENT-APPL-SN-177985		US-PATENT-CLASS-156-245
	US-PATENT-CLASS-34-162		US-PATENT-CLASS-156-247
	US-PATENT-CLASS-95-89R		US-PATENT-CLASS-156-285
	US-PATENT-CLASS-178-6.7R	•	US-PATENT-CLASS-156-309
	US-PATENT-CLASS-219-216	46	US-PATENT-3,793,109
	US-PATENT-CLASS-219-388	c14 N74-18090	NASA-CASE-NPO-13160-1
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	US-PATENT-CLASS-346-138		US-PATENT-CLASS-321-8R US-PATENT-CLASS-324-57R
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	US-PATENT-APPL-SN-420813		US-PATENT-APPL-SN-214084
c18 N74-16246	NASA-CASE-LAR-10805-1	l	US-PATENT-CLASS-23-253PC
-40 000 000	US-PATENT-APPL-5N-428992		US-PATENT-CLASS-23-259
c18 N74-16249	NASA-CASE-ARC-10813-1 US-PATENT-APPL-SN-437556		US-PATENT-CLASS-259-72
c14 N74-17153	03-PATENT-APPE-5N-437556 NASA-CASE-MFS-21087-1		US-PATENT-CLASS-312-209 US-PATENT-CLASS-356-85
u., 1,100	US-PATENT-APPL-SN-149283		US-PATENT-CLASS-356-197
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c15 N74-1	8124	NASA-CASE-LAR-10489-1			US-PATENT-APPL-SN-446567
		US-PATENT-APPL-SN-198763	C03	N74-19692	NASA-CASE-GSC-11367-1 US-PATENT-APPL-SN-236985
		US-PATENT-CLASS-264-102 US-PATENT-3,790,650			US-PATENT-CLASS-136-36
c15 N7/1-1	8125	NASA-CASE-MFS-21309-1			US-PATENT-3,759,747
C13 874-1	CIZJ	US-PATENT-APPL-SN-244519	c03	พ74-19693	NASA-CASE-NPO-11806-1
		US-PATENT-CLASS-180-79.3			US-PATENT-APPL-SN-228163
		US-PATENT-CLASS-301-5P			US-PATENT-CLASS-136-20
		US-PATENT-3,789,947	ļ.		US-PATENT-CLASS-136-30 US-PATENT-3,790,409
C15 N74-1	8126	NASA-CASE-MFS-21364-1 US-PATENT-APPL-SN-214006	C03	N74-19700	
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		US-PATENT-CLASS-161-182 US-PATENT-CLASS-161-192	C05	ห74-19761	05-PATENT-APPL-38-433104 NASA-CASE-ARC-10329-2
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		US-PATENT-CLASS-264-135	c06	N74-19769	
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01E N70 1	3477	US-PATENT-3,790,432 NASA-CASE-MFS-21481-1	c06	N74-19772	NASA-CASE-LAR-11372-1
C13 N74-1	0127	US-PATENT-APPL-SN-266771	""	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	WG DAMENUM ADDT- CV- 80 0004
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		US-PATENT-CLASS-74-594.7	}		US-PATENT-APPL-SN-450500
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		US-PATENT-APPL-SN-247090	į .		US-PATENT-CLASS-328-172
		US-PATENT-CLASS-29-482			US-PATENT-CLASS-333-14
		US-PATENT-CLASS-29-488 US-PATENT-CLASS-29-497	607	พ7น-19790	US-PATENT-3,800,237 NASA-CASE-MFS-21540-1
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c15 N74-1	8132	NASA-CASE-GSC-11551-1 US-PATENT-APPL-SN-440917	CU/	N74-19806	US-PATENT-APPL-SN-455163
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		US-PATENT-APPL-SN-450505			US-PATENT-APPL-SN-450501
c15 N74-1	8134	NASA-CASE-LEW-11076-4	C09	N74-19853	NASA-CASE-GSC-11844-1
-16 unit 1	0150	US-PATENT-APPL-5N-445178 NASA-CASE-MFS-22409-1	-00	27 h _ 100 S h	US-PATENT-APPL-SN-452761 NASA-CASE-LAR-11352-1
c16 N74-1	0103	US-PATENT-APPL-SN-445398	603	1174-13034	DS-PATENT-APPL-SN-459736
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c14 N74-1	19093	NASA-CASE-NPO-13214-1		#7#. 2BA61	US-PATENT-APPL-SN-452770 NASA-CASE-LAR-10129-2
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c24 N74-1	9310	NASA-CASE-HQN-10740-1			US-PATENT-APPL-SN-319410
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		US-PATENT-CLASS-356-28		wen	US-PATENT-3,796,473
		US-PATENT-CLASS-356-106R US-PATENT-CLASS-356-112	C15	N74-20071	NASA-CASE-MSC-14435-1 US-PATENT-APPL-SN-450504
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C32 N74-1	19528	NASA-CASE-LAR-10426-1		2007 <u>2</u>	05-PATENT-APPL-SN-450502
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		US-PATENT-CLASS-73-15.6		944 BALL	US-PATENT-APPL-SN-401920
		US-PATENT-CLASS-73-91 US-PATENT-3,795,134	C16	N74-20118	NASA-CASE-HQN-10844-1 US-PATENT-APPL-SN-412080
c33 N74-1	19583	NASA-CASE-GSC-11752-1	c18	N74-20152	NASA-CASE-LEW-11879-T
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c24 N74-20329	NASA-CASE-GSC-11425-1		US-PATENT-CLASS-343-730
	US-PATENT-APPL-SN-206266		US-PATENT-CLASS-343-786
	US-PATENT-CLASS-148-1.5		US-PATENT-CLASS-343-797
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	US-PATENT-APPL-SN-453232		US-PATENT-CLASS-343-708
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	US-PATENT-APPL-SN-152328		US-PATENT-CLASS-343-853
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	US-PATENT-CLASS-4-120		US-PATENT-CLASS-340-407
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ans N74-20726	NASA-CASE-ARC-10597-1	c18 v76-21015	NASA-CASE-LAR-10626-1
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	US-PATENT-CLASS-73-67.9		US-PATENT-CLASS-33-46R
	US-PATENT-CLASS-128-2V		US-PATENT-3,798,778
-05 N3/ 20320	US-PATENT-3,802,253 NASA-CASE-MFS-21415-1	-16 V70 01017	NASA-CASE-MFS-21660-1
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	US-PATENT-CLASS-73-23		US-PATENT-CLASS-324-83Q
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A9 8 - 5 - 5 - 5	US-PATENT-3,799,149		US-PATENT-CLASS-73-194EM
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	US-PATENT-APPL-SN-338484		US-PATENT-CLASS-29-498
	US-PATENT-CLASS-325-320		US-PATENT-CLASS-29-504
	US-PATENT-CLASS-325-419	-45 MBH 34856	US-PATENT-3,798,748
	US-PATENT-CLASS-329-122	C15 N/4+21056	NASA-CASE-LAR-10688-1
	US-PATENT-3,806,815		US-PATENT-APPL-SN-285705
CO/ N/4-20813	NASA-CASE-FRC-10071-1		US-PATENT-CLASS-235-92PE
•	US-PATENT-APPL-SN-307727		US-PATENT-CLASS-235-92SB
	US-PATENT-CLASS-178-7.7		US-PATENT-CLASS-235-151
	US-PATENT-CLASS-315-18	-45 97. 04057	US-PATENT-3,800,253 NASA-CASE-LAR-10941-1
	US-PATENT-CLASS-315-22	C15 N/4-2105/	
	US-PATENT-3,803,445		US-PATENT-APPL-SN-289048
C08 N74-20836	NASA-CASE-ERC-10180-1		US-PATENT-CLASS-29-470.1
	US-PATENT-APPL-SN-838278		US-PATENT-3,797,098
	US-PATENT-CLASS-235-164	c15 N74-21058	NASA-CASE-MFS-22411-1
	US-PATENT-3,803,393	j	US-PATENT-APPL-SN-382262
c09 N74-20859	NASA-CASE-XLE-2529-3		US-PATENT-CLASS-260-448.2N
	US-PATENT-APPL-SN-288856		US-PATENT-3,801,617
	US-PATENT-APPL-SN-487929	C15 N74-21059	NASA-CASE-LAR-10409-1
	US-PATENT-APPL-SN-848403	ſ	US-PATENT-APPL-SN-340864
	US-PATENT-CLASS-315-211	1	US-PATENT-CLASS-29-423
	US-PATENT-CLASS-315-228		US-PATENT-3,798,741
	US-PATENT-CLASS-331-94.5D	C15 N74-21060	NASA-CASE-NPO-13105-1
	US-PATENT-CLASS-332-7.51	ř	US-PATENT-APPL-SN-283502
	US-PATENT-3,806,835		US-PATENT-CLASS-60-25
cu9 N74-20860			US-PATENT-3,798,896
	US-PATENT-APPL-SN-263230	c15 N74-21061	NASA-CASE-LEW-11076-1
	US-PATENT-CLASS-343-DIG.2	i	us-patent-appl-sn-238264
	US-PATENT-CLASS-343-100SA		US-PATENT-CLASS-308-73
	US-PATENT-CLASS-343-100ST		US-PATENT-3,804,472
	US-PATENT-CLASS-343-854	c15 N74-21062	NASA-CASE-LAR-10295-1
	US-PATENT-3,806,932		US-PATENT-APPL-SN-221685
C09 N74-20861	NASA-CASE-GSC-11560-1	<b>,</b>	US-PATENT-CLASS-73-12
	US-PATENT-APPL-SN-361906	1	US-PATENT-CLASS-73-432
	US-PATENT-CLASS-95-53EA	!	US-PATENT-3.805.622
	US-PATENT-CLASS-350-269	c15 N74-21063	NASA-CASE-LEW-10698-1
	US-PATENT-CLASS-354-234	İ	US-PATENT-APPL-SN-30498
	US-PATENT-3,804,506	l	US-PATENT-CLASS-65-DIG.11
C09 N74-20862		l	US-PATENT-CLASS-106-52
	US-PATENT-APPL-SN-315069		US-PATENT-CLASS-117-129
	US-PATENT-CLASS-331-108A	[	US-PATENT-CLASS-161-196
	us-patent-class-331-115	1	US-PATENT-3,804,703
	US-PATENT-CLASS-331-116R	j c15 N74-21064	NASA-CASE-LEW-11087-3
	US-PATENT-CLASS-331-159	i	US-PATENT-APPL-SN-201904
	US-PATENT-3,806,831	I	US-PATENT-APPL-SN-346361
CO9 N74-20863	NASA-CASE-GSC-113173	1	US-PATENT-CLASS-308-188
	US-PATENT-APPL-SN-244158	İ	US-PATENT-CLASS-308-191
		1	

		US-PATENT-3,802,753
~15	N74-21065	NA SA-CASE-NPO-11951-1
	M14-71000	US-PATENT-APPL-SN-287150
		US-PATENT-CLASS-137-628
		US-PATENT-CLASS-251-120
		US-PATENT-CLASS-251-122
		US-PATENT-CLASS-251-210
		US-PATENT-3,802,660
c16	N74-21091	NASA-CASE-GSC-11262-1
- 10	M/4-21031	US-PATENT-APPL-SN-162380
		US-PATENT-CLASS-33-285
		US-PATENT-CLASS-250-204
		US-PATENT-CLASS-356-141
		US-PATENT-CLASS-356-152
		US-PATENT-CLASS-356-172
		US-PATENT-3,804,525
c18	พ74-21156	NASA-CASE-ARC-10592-1
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	•	US-PATENT-CLASS-260.46.5E
		US-PATENT-3,803,090
C23	N74-21300	NASA-CASE-ARC-10516-1
		US-PATENT-APPL-SN-267768
		U5-PATENT-CLASS-350-270
		US-PATENT-CLASS-354-234
		US-PATENT-3,797,919
C23	N74-21304	NA 5A-CASE-GSC-11353-1
		US-PATENT-APPL-SN-260241
		US-PATENT-CLASS-250-231SE
		US-PATERT-CLASS-350-299
		US-PATENT-CLASS-356-152
		US-PATENT-3,802,779